

**2019 ANNUAL GROUNDWATER
MONITORING REPORT
D S HUGH SITE
LEA COUNTY, NEW MEXICO
UL-K, SECTION 26, T21S, R37E
PLAINS SRS#: 2000-10807
NMOCD NO.: 1R-0463**

PREPARED FOR



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MARCH 2020

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1.0 INTRODUCTION AND OBJECTIVES

1.1 Objectives and Site Background

On November 10, 2000, a 4-inch steel pipeline at the D S Hugh 4-Inch gathering line site (Site) released approximately 20-barrels (bbls) of crude oil into the subsurface. This pipeline was formerly owned by EOTT Energy, LLC (EOTT) and is currently owned by Plains Pipeline, L.P. (Plains). The Site is located in Unit Letter K, T21S, R37E, Section 26 of Lea County, New Mexico, approximately two (2) miles east of Eunice, New Mexico (**Figure 1**) or more specifically at latitude 32° 26' 48" N and longitude 103° 08' 07" W. The affected area was reported to be approximately 200-feet by 15-feet within the pipeline right-of-way (ROW). The leak that occurred at the Site on November 10, 2000, was apparently caused by corrosion of a pipeline. The release was reported by EOTT to Ms. Donna Williams at the New Mexico Oil Conservation Division (NMOCD) on November 10, 2000 at 2:25 P.M. Approximately five (5) bbls of product were reported as recovered out of the approximately 20-bbls reported released into the subsurface.

The leak was repaired and affected soil was excavated and temporarily placed on a plastic liner. The initial response notification form (Form No. C-141), prepared by Plains, provides documentation of reporting the release to Larry Johnson with the NMOCD. Initial soil remediation activities were completed by Environmental Plus Inc. In April 2005, EarthCon Consultants, Inc. (EarthCon; formerly Premier Environmental Services Inc.) personnel completed an initial Site investigation for Plains. Details regarding the investigation were reported in EarthCon's 2005 Annual Report and are summarized below in Section 1.2.

This report summarizes the weekly groundwater gauging activities, quarterly groundwater monitoring activities, and PSH recovery efforts that took place during 2019.

1.2 Previous Remedial Responses and Environmental Investigations

The previous environmental consultants for the DS Hugh Site were Environmental Plus Inc. and EarthCon Consultants, Inc. (EarthCon). As of July 1, 2012, EnTech Consulting Corporation (EnTech) was retained by Plains to provide consulting services for the Site. Even though the environmental consultant for the Site has changed, the same personnel were hired by EnTech for historical knowledge, consistency, and to continue working at the Site.

Site delineation activities in 2005 included the installation of five (5) soil borings and collection of soil samples within and adjacent to the flow path of the release. Based on the findings of the September 2005 investigation, and the surface expression of the release, three (3) groundwater monitor wells (MW-1 through MW-3) were installed in December 2005. Total petroleum hydrocarbon (TPH) concentrations in soil from monitor well MW-1 were above 100 milligrams per kilogram (mg/kg) from the surface to the first water bearing zone at a depth of 45-feet below ground surface (bgs). A phase-separated hydrocarbon (PSH) sheen was observed in groundwater samples collected from monitor well MW-1. In May 2006, further soil investigation

was conducted by EarthCon to delineate the extent of hydrocarbon contamination in soil. During this investigation, monitor wells MW-4 through MW-7 were installed (**Figure 2**).

A *Soil Remediation Plan* was submitted to and approved by the NMOCD in May 2006. The objective of the *Soil Remediation Plan* was to excavate the most contaminated soils, isolate and control residual chemicals of concern (COCs) in the soil and to prevent further impact to groundwater by the placement of an impermeable liner at the base of the excavation. The remediation plan was implemented in October 2006 and a *Soil Closure Report* was prepared by EarthCon and submitted in March 2007. Details of the activities can be found in the following reports submitted to the NMOCD:

- April 13, 2006 *Groundwater Delineation Investigation – March 2006* (letter report to Plains)
- May 2006 *Soil Remediation Plan*
- June 6, 2006 *Soil Investigation Results* (letter report to Plains)
- March 2007 *Soil Closure Report*

Quarterly groundwater monitoring was implemented for the Site in 2006 and continues to date. Groundwater PSH recovery was conducted on a weekly basis at MW-1. Monitor well MW-4 was initially gauged weekly in 2011 due to measurable amounts of PSH. Gauging of the well was reduced to a monthly basis when PSH was no longer observed. Approximately 1,335-gallons of water containing dissolved phase hydrocarbons and 70-gallons of entrained PSH were recovered from monitor well MW-1 in 2013. Approximately 70-gallons of PSH and 1,125-gallons total of affected groundwater were recovered from the wells containing PSH or sheen during 2014.

To increase the PSH recovery efforts at the Site, two (2) additional recovery wells were installed in August 2014 in the vicinity of MW-1 (RW-1 and RW-2).

Groundwater and PSH recovery for 2019 are presented below in Section 2. This report summarizes the activities conducted in 2019 for groundwater sampling and analysis and PSH recovery activities.

1.3 Regulatory Framework

Based on standards outlined in New Mexico Administrative Code (NMAC), Title 20, Chapter 6, Part 2, the remediation criteria for groundwater at the Site are as follows:

Chemical of Concern	Limit (mg/L)
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75

Chemical of Concern	Limit (mg/L)
Total Xylenes	0.62
Polynuclear Aromatic Hydrocarbons (PAH) ^(1,2)	0.03
Benzo-a-pyrene ⁽²⁾	0.0007

1 – PAHs: Total naphthalenes plus monomethylnaphthalenes

2 – PAH remediation standards will be used as target concentrations only upon PSH removal.

In addition to using the above values as the target cleanup goals for COC concentrations in groundwater at the Site, PSH removal is also an integral part of ongoing remediation activities.

1.4 Limitations

EnTech has examined and relied upon the file information provided by Plains and their contractors, and conversations with Plains personnel and their contractors familiar with the Site in question. EnTech has not conducted an independent examination of the information contained in external project files or that provided by Plains or their contract personnel. EnTech has prepared this report using the level of care and professionalism in the industry for similar projects under similar conditions. EnTech believes the conclusions stated herein are factual, but no guarantee is made or implied.

2.0 GROUNDWATER ASSESSMENT AND RESULTS

2.1 Groundwater Sampling Methodology

Activities conducted at the Site in 2019 primarily consisted of gauging wells for groundwater levels, determining the presence or absence of PSH, recovery of product using absorbent socks, hand bailing, and submersible pumps in monitor wells and recovery wells. Groundwater sampling of PSH-free monitor wells was also completed on a quarterly basis in 2019 to evaluate the extent of the dissolved-phase hydrocarbon plume.

Measurements of the depth to groundwater and product thickness in wells with hydrocarbon sheen or PSH were completed during the weekly PSH recovery and quarterly groundwater sampling events. Seven (7) monitor wells (MW-1 through MW-7) and two (2) recovery wells (RW-1 and RW-2) were gauged using an electronic oil/water interface probe. The well locations are shown on **Figure 2**.

Groundwater level elevations and the presence of PSH, if any, were noted for each well. In cases where no measurable PSH was detected by the interface probe, the downhole sensor of the probe was examined for the presence of PSH upon removal from the well. One (1) monitor well, MW-1, and one (1) recovery well RW-2, contained a hydrocarbon sheen during 2019 during the first quarter groundwater sampling event. MW-1 and RW-2 were sampled during the 2nd, 3rd, and 4th quarters. RW-1, which contained a hydrocarbon sheen during 2019, was sampled during all four quarters, as the hydrocarbon sheen was not observed during quarterly groundwater sampling events. Starting in the second quarter of 2008 all recovery and monitor wells with PSH or sheen were required to be sampled annually and analyzed for polycyclic aromatic hydrocarbons (PAH). Due to this requirement, groundwater samples were collected from monitor well MW-1 and recovery wells RW-1 and RW-2 during the second quarter of 2019 and analyzed for PAHs.

Groundwater monitor wells not exhibiting PSH or hydrocarbon sheen were gauged monthly and sampled quarterly. After collecting and recording groundwater level and PSH thickness measurements, each well was purged with a clean electric submersible pump or hand bailed using a clean disposable bailer, and then groundwater samples were collected using a new dedicated disposable bailer. Groundwater samples were also collected from monitor well MW-1 and recovery well RW-2 during the second, third, and fourth quarters of 2019 and in recovery well RW-1 during all four (4) quarterly sampling events and analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) due to the absence of measurable PSH.

Groundwater samples were poured directly from the disposable bailers into the appropriate laboratory-supplied sample containers. The sample containers were then packaged to prevent breakage, placed on ice in a cooler, and shipped to Pace Analytical of The Woodlands, Texas for analysis. The groundwater samples were analyzed for BTEX by Environmental Protection Agency (EPA) Method SW 846-8260B and PAHs by EPA Method SW 8270C.

2.2 Groundwater Gauging

Table 1 summarizes groundwater gauging (elevation and PSH thickness) measurements taken before each quarterly groundwater sampling event in 2019. In addition, weekly groundwater elevation and PSH thickness measurements were recorded prior to and after PSH recovery. Monthly measurements were taken from wells without PSH. Groundwater elevations and PSH thickness measurements were taken in one (1) monitor well (MW-1) and two (2) recovery wells (RW-1 and RW-2) during PSH recovery efforts. Groundwater elevation measurements were recorded quarterly for all monitor and recovery wells (MW-1 through MW-7, RW-1, and RW-2) in 2019. Complete historical groundwater elevation and PSH thickness measurements since September 21, 2005 are presented in **Table 2**. The groundwater elevation calculations are based on the top of PVC well casing elevations, which were last surveyed on March 15, 2005 by EarthCon, the previous consultant.

2.3 Groundwater Gradient and Flow Direction

Using the groundwater gauging data summarized in **Table 1**, groundwater gradient maps were prepared and are included as **Figures 3A** through **3D**. The calculated groundwater gradient and estimated groundwater flow direction are based on the gauging data obtained on February 14, May 10, August 27, and November 19, 2019. The hydraulic gradient in 2019 ranged from 0.0033 to 0.0040 feet/foot (ft/ft), based on groundwater elevations measured between monitor wells MW-2 and MW-6. The groundwater gradient and flow direction across the Site during 2019 were similar to the gradient and direction observed during the previous five (5) years to the east-southeast.

2.4 Groundwater Analytical Results

Groundwater samples were collected during each quarterly sampling event of 2019 from all wells that were PSH-free (see **Table 3**). The monitor wells were purged by removing a minimum of three (3) to five (5) well volumes of groundwater, or depending on groundwater conditions, bailed dry three (3) times using a disposable bailer and allowed to recover to at least 80% of the initial volume before collecting samples. Groundwater samples were collected and transferred into laboratory-supplied sample containers. The sample containers were placed on ice in a cooler and shipped to Pace Analytical (Pace), in The Woodlands, Texas for analysis. Groundwater samples were analyzed for BTEX using EPA Method SW-846 8260B. PAH analysis was performed on groundwater samples collected from monitor well MW-1 and recovery wells RW-1 and RW-2 by EPA Method SW 8270C.

Groundwater samples were collected during all four (4) quarters with the exception of MW-1 and RW-2, which were not sampled during the 1st quarter of 2019 due to observed PSH. Monitor wells MW-1 and MW-4, and recovery well RW-1 exhibited benzene concentrations above the NMOCD criteria during at least one (1) quarterly groundwater sampling event in 2019. Toluene, ethylbenzene, and total xylenes were detected in MW-1, RW-1, and RW-2 above laboratory method detection limits (MDLs), but below the NMOCD remediation criteria. Toluene was detected in groundwater samples collected from monitor wells MW-3, MW-6, MW-7 and

recovery wells RW-1 and RW-2 above method detection levels (MDLs), but below the NMOCD criteria during at least one (1) quarterly sampling event in 2019.

The 2019 analytical results are presented in **Table 3**, and historical analytical results are presented in **Table 4**. **Table 3.1** below summarizes the benzene concentrations that were observed in 2019. Benzene concentrations reported in exceedance of NMOCD standards are marked in **bold**.

Table 3.1				
2019 COC Detected Concentrations (mg/L)				
2019	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
	Benzene	Benzene	Benzene	Benzene
NMOCD Remediation Criteria (mg/L)	0.01	0.01	0.01	0.01
MW-1	NS	0.0372	0.0106	0.0171
MW-4	<0.001	<0.001	0.0139	0.00958
RW-1	0.0728	0.0354	0.0734	0.00465
RW-2	NS	0.00364	0.00316	0.00205

Note: Concentrations in **bold** indicate exceedances of NMOCD Remediation criteria.

NS – Not sampled due to PSH sheen or a visible PSH sheen.

The 2019 laboratory analytical reports are provided in **Appendix A**. The groundwater analytical data and PSH thickness data for each quarterly sampling event are presented in **Figures 4A** through **4D**.

From 2008 through 2019 NMOCD required Plains to analyze for BTEX and PAH constituents in the dissolved phase groundwater in wells with hydrocarbon sheen or wells that exceed NMOCD remediation standards. To meet this requirement for 2019, groundwater samples were collected from monitor wells MW-1 and MW-4, and recovery wells RW-1, and RW-2 during the second quarter and analyzed for BTEX constituents (see **Tables 3 and 4** for analytical data) as well as PAHs (see **Table 5**). The NMOCD requires annual PAH analysis be conducted on each monitor well until laboratory analysis indicates the PAH concentrations are below the NMOCD remediation criteria for the constituent sampled. With the exception of monitor well MW-4, no additional PAH samples were collected during 2019, as no historical exceedances were observed for monitor wells MW-2, MW-3, and MW-5 through MW-7.

During the second, third, and fourth quarterly sampling events of 2019, fluids (PSH and dissolved phase hydrocarbons) from MW-1 and RW-1 were bailed off prior to purging the well. After three (3) well volumes were removed and the well was allowed to stabilize, a groundwater sample was collected. The analytical results indicated benzene concentrations above the NMOCD remediation criteria of 0.01 milligrams per Liter (mg/L) in these monitor and recovery well. It should be noted that laboratory analysis of the groundwater sample collected from

monitor well MW-4 during the third quarterly sampling event indicated benzene concentrations above the NMOCD criteria. RW-2 historically exceeded the NMOCD remediation criteria, however during the three quarterly events collected during 2019, benzene concentrations were detected above the method detection limit, but below the NMOCD remediation criteria. Copies of the laboratory analytical data packages are included in **Appendix A**.

2.5 Groundwater Waste Disposal

Purge water from well sampling at wells MW-1 through MW-7 and RW-1 and RW-2 is placed in the 1,100-gallon above ground storage tank (AST). These liquids are vacuumed from the tank and transported off-Site for disposal by Gravity of Eunice, New Mexico.

3.0 PSH RECOVERY

3.1 PSH Recovery Methodology

In addition to collecting groundwater samples, EnTech performed weekly visits to the Site to gauge and recover PSH from three (3) wells with PSH/sheen (MW-1, RW-1 and RW-2). Measurements to PSH and water levels were recorded during each Site visit (see **Table 2**). PSH recovery activities were completed on a weekly basis using submersible pumps, hand bailer and/or absorbent socks. Routine PSH recovery activities typically consisted of the removal of less than 1-gallon of PSH and 10 to 20-gallons of groundwater with possible dissolved phase hydrocarbons from each well. PSH was observed during 2019 in monitor well MW-1 and recovery wells RW-1 and RW-2 ranging from a sheen to a maximum thickness of 0.07-foot.

3.2 PSH Recovery via Pumping and Manual Bailing

During 2019, PSH was observed in monitor well MW-1 and recovery wells RW-1 and RW-2. In general, stable or decreasing trends in the PSH thickness has been observed for these wells. Monthly recovery data for PSH and dissolved phase groundwater are presented in **Table 6**.

In general, a stable or decreasing trend in the PSH thickness in monitor well MW-1 was observed during 2019 ranging from a sheen to 0.07-foot. Prior to the maximum measured thickness (December 20, 2019, 0.07-foot) PSH thicknesses have been decreasing.

A stable to decreasing trend in the PSH thickness in recovery well RW-1 was observed in 2019. PSH thicknesses ranged from nondetectable to a maximum of 0.02-foot. The maximum observed thickness occurred during the weekly gauging event of December 13, 2019.

A decreasing trend in the PSH thickness in recovery well RW-2 was observed in 2019, ranging from nondetectable to a maximum thickness of 0.01-foot.

3.3 PSH Waste Disposal

Measurable thicknesses of PSH were observed during recovery events and 1,030-gallons total of affected groundwater was recovered from the wells containing PSH or sheen during 2019. These liquids are vacuumed from the tank and transported for off-Site disposal by Gravity of Eunice, New Mexico.

4.0 MONITORED NATURAL ATTENUATION

4.1 Regulatory Framework for Monitored Natural Attenuation

Monitored Natural Attenuation (MNA) is defined by the New Mexico Environmental Department (NMED) in 20.5.13 NMAC as “a methodology for remediation that relies upon a variety of naturally occurring chemical, physical and biological processes to achieve target concentrations in a manner that is equally as protective of public health, safety and welfare, and the environment as other methods and that is accompanied by a program of monitoring to document the process and results of the above mentioned processes.”

As part of the MNA process several lines of evidence need to be evaluated. The general lines of evidence are listed below:

- **Primary Lines of Evidence (PLOE).** Relies on use of historical groundwater data that demonstrate a clear trend of stable or decreasing chemical of concern (COC) concentrations over time and with distance away from the source at appropriate monitoring or sampling points.
- **Secondary Lines of Evidence (SLOE).** Uses geochemical indicators to document certain geochemical signatures or “footprints” in the groundwater that demonstrated (indirectly) the type of natural attenuation process(es) occurring at the affected property and the destruction of COCs; or uses distance-based/time-based/biodegradation rate calculations to demonstrate attenuation.
- **Other Lines of Evidence (OLOE).** Most often consists of predictive modeling studies and other lab/field studies that demonstrate an understanding of the natural attenuation process(es) occurring at the affected property and their effectiveness in controlling PCLE zone migration and decreasing COC concentrations.

4.2 Monitored Natural Attenuation Information

The DS Hugh Site is currently undergoing Plume Stability Analysis (PSA). While samples are collected for MNA, insufficient data exists at this time to perform a reliable evaluation.

While plume stability using MNA cannot be evaluated at this time, PLOEs do exist and include:

- The benzene concentrations reported in the groundwater samples collected from the monitor wells down-gradient of the plume (MW-6 and MW-7) from 2007 through 2019 were below the MDL;
- Benzene concentrations reported in the groundwater samples collected from cross-gradient monitor wells (MW-2 and MW-5) from 2010 through 2019, were below the MDL; and,
- Benzene concentrations analyzed in the groundwater samples collected from monitor well MW-1 and recovery well RW-2 during at least one (1) quarterly sampling event in

2019, exceeded the NMOCD criteria of 0.01 mg/L, however those levels have declined compared to analysis completed in 2018.

Understanding plume stability is an important step in the remedial planning process for a Site. For instance, an increasing plume could potentially migrate to human or environmental receptors, whereas a stable or decreasing plume may not pose an imminent threat to human health and the environment. An introduction to plume stability analysis and the basis for the plume evaluation at the Site was presented in the 2009 Annual report. This analysis is conducted periodically in order to understand the overall stability of the benzene plume during 2006 through 2019. This report includes the development of benzene concentration isopleths maps for each year and performance of Mann-Kendall Trend Test (MKTT).

The benzene concentrations utilized for the 2019 concentration isopleth map (**Figure 18**) were developed from the average of the benzene concentrations reported in the four (4) quarterly groundwater sampling events and was used for all the PSH-free monitor wells (monitor wells MW-2 through MW-7, and recovery well RW-1). The benzene concentrations reported in groundwater samples collected from monitor well MW-1 and recovery well RW-2 in the second, third, and fourth quarterly sampling events were averaged for 2019.

The benzene isopleth maps for 2006 through 2019 are presented in **Figures 5 through 18**, respectively. Previous maps prepared by EarthCon are presented in **Figures 5 through 10**.

The Mann Kendall Trend Test (MKTT) is a statistical method used to analyze data collected over time for consistently increasing or decreasing trends. It is a non-parametric test, which means it works for all distributions (i.e. the data doesn't have to meet the assumption of normality), but the data should have no serial correlation.

The test can be used to find trends for as few as four (4) samples. However, with only a few data points, the test has a high probability of not finding a trend when one would be present if more points were provided. The more data points available, the more likely the test is going to find a true trend. The minimum number of recommended measurements is therefore at least eight (8) to ten (10) (Reference: Prashanth Khambhammettu: "Mann-Kendall Analysis for the Fort Ord Site", HydroGeoLogic, Inc.-OU-1 2004 Annual Groundwater Monitoring Report-Former Fort Ord, California, 2005).

Concentrations of benzene analyzed in groundwater samples collected from the Site between June 6, 2014 and November 20, 2019 were evaluated using the MKTT. Only monitor wells with detectable concentrations of benzene were evaluated.

Monitor wells evaluated by MKTT for benzene included monitor well MW-1 and recovery wells RW-1 and RW-2. The confidence factor [CF] of each analyte and monitor/recovery well is listed in brackets following the well. Monitor well MW-1 [CF=63.6%] and recovery well RW-2 [CF=45.1%] indicated "no trend", whereas recovery well RW-1 [CF=94.2%] indicated a "probably decreasing" benzene trend. The "no trend" evaluation appears to be due to cyclic concentrations of benzene analyzed in these wells. A copy of the MKTT analysis is included in **Appendix B**.

As a final line of evidence, the dissolved phase plume was evaluated by analyzing groundwater samples collected quarterly from six (6) PSH-free monitor wells. A review of the data indicates:

- Nondetectable benzene concentrations or concentrations below the NMOCD criteria from March 1, 2007 through November 20, 2019 for monitor wells MW-2, MW-3, and MW-5 through MW-7; and,
- Nondetectable benzene concentrations or concentrations below the NMOCD criteria from September 11, 2012 through March 8, 2018, were analyzed in groundwater samples collected from monitor well MW-4. Analysis for this same well from the sampling events of June 7, 2018 through November 20, 2019 indicated fluctuating benzene concentrations in this well ranging from nondetectable to a maximum detection of 0.0148 mg/L on November 30, 2018. The groundwater sample collected during the fourth quarter 2019 sampling event indicated a benzene concentration below the NMOCD remediation criteria.

5.0 FINDINGS

Findings and recommendations resulting from 2018 groundwater monitoring at the DS Hugh Site are summarized below.

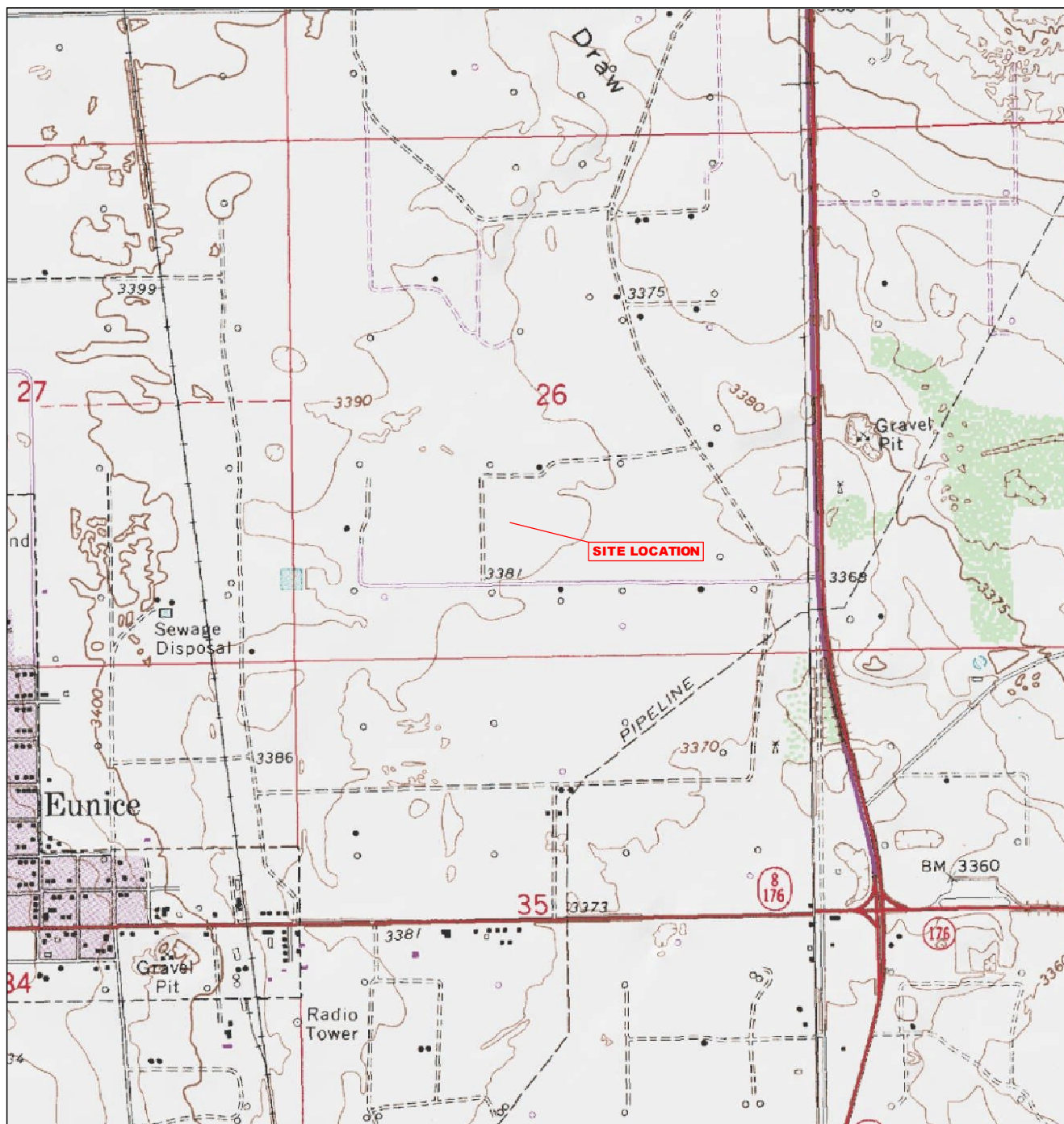
- Groundwater flow in the uppermost groundwater-bearing unit is to the east-southeast ranging from 0.0033 to 0.0040 ft/ft as measured between wells MW-2 and MW-6.
- Analytical results reported for the groundwater samples collected at five (5) monitor wells (MW-2, MW-3, and MW-5 through MW-7) displayed benzene concentrations below laboratory MDLs for all four (4) quarters of 2019. RW-2 had detections of benzene concentrations above the MDL but below the NMOCD during the three quarters of groundwater sampling conducted for the recovery well. Monitor wells MW-3, MW-6, and MW-7 had detections of toluene above the MDL but below the NMOCD criteria. Monitor wells MW-1, MW-4, and recovery well RW-1 analyzed benzene concentrations above the NMOCD criteria during at least one (1) quarterly groundwater sampling event in 2019.
- PSH recovery from monitor well MW-1 and recovery wells RW-1 and RW-2 continued during 2019, and the volume recovered appears to have significantly diminished during 2019. PSH recovery of visible sheens was completed during 2019 and with groundwater recovery totaling approximately 1,030 gallons.
- The PSH plume has remained in the historical source area, located in the vicinity of well MW-1 and does not appear to be migrating downgradient.

Based on PSH recovery data and groundwater sampling completed during 2019 (and previously) at the Site, EnTech recommends the following:

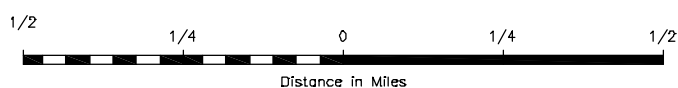
- PSH recovery from monitor well MW-1 and recovery wells RW-1 and RW-2 continues on a weekly basis.
- Groundwater monitoring continues on a quarterly basis.

FIGURES

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Eunice Quadrangle
32°26'48"N Latitude & 103°08'07"W Longitude

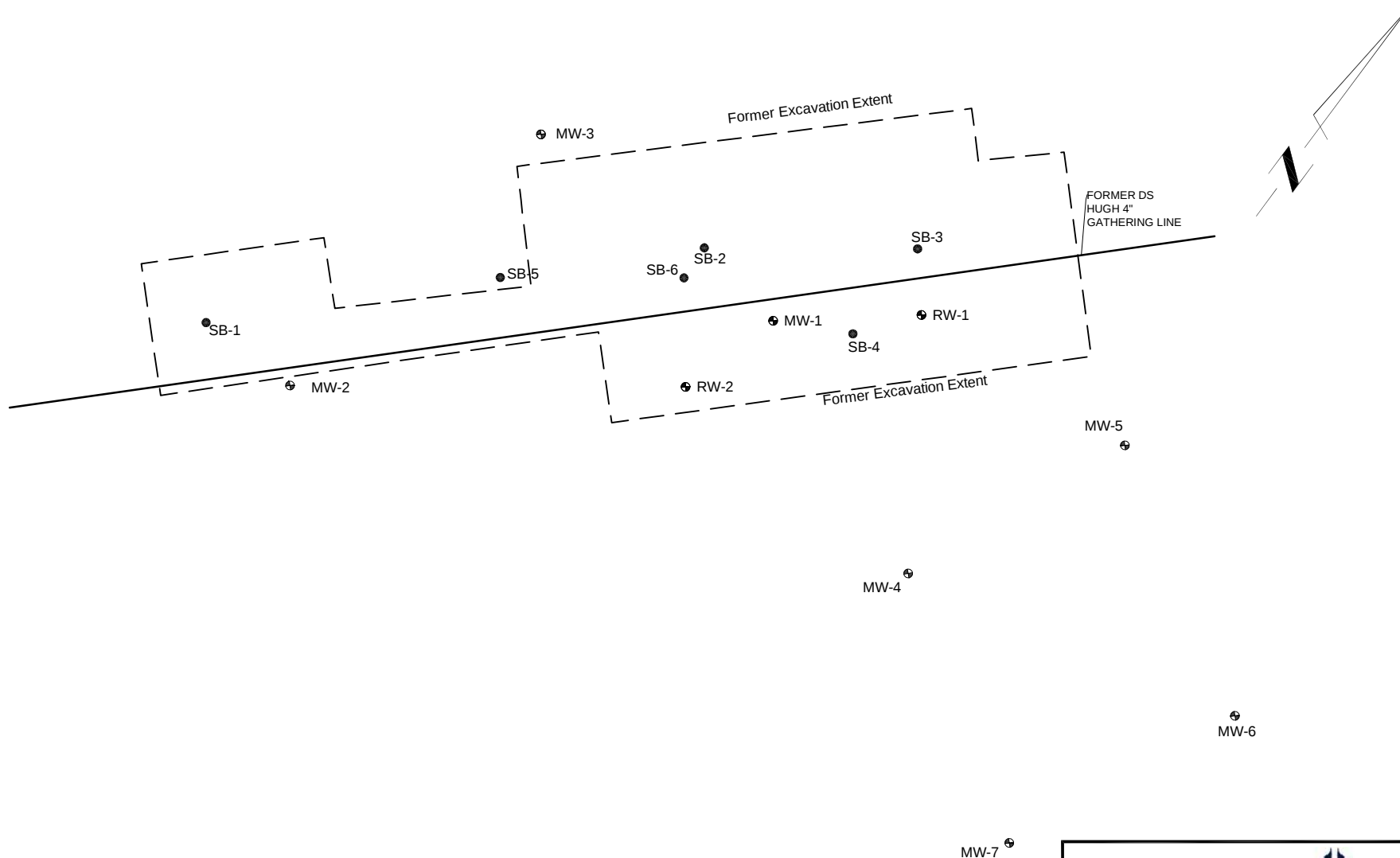


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Figure 1
 Site Location Map
 D.S. Hugh Gathering 4" Line
 SRS. No.: 2000-10807
 Plains Pipeline, L.P.
 Lea County, New Mexico

PROJ. NO: PAA12003

DATE: 10/19



LEGEND:

- ⊕ MW- - MONITOR OR RECOVERY WELL LOCATIONS
- SB- - SOIL BORING LOCATIONS
- — — - FORMER EXCAVATION EXTENT

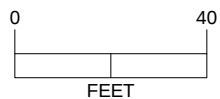
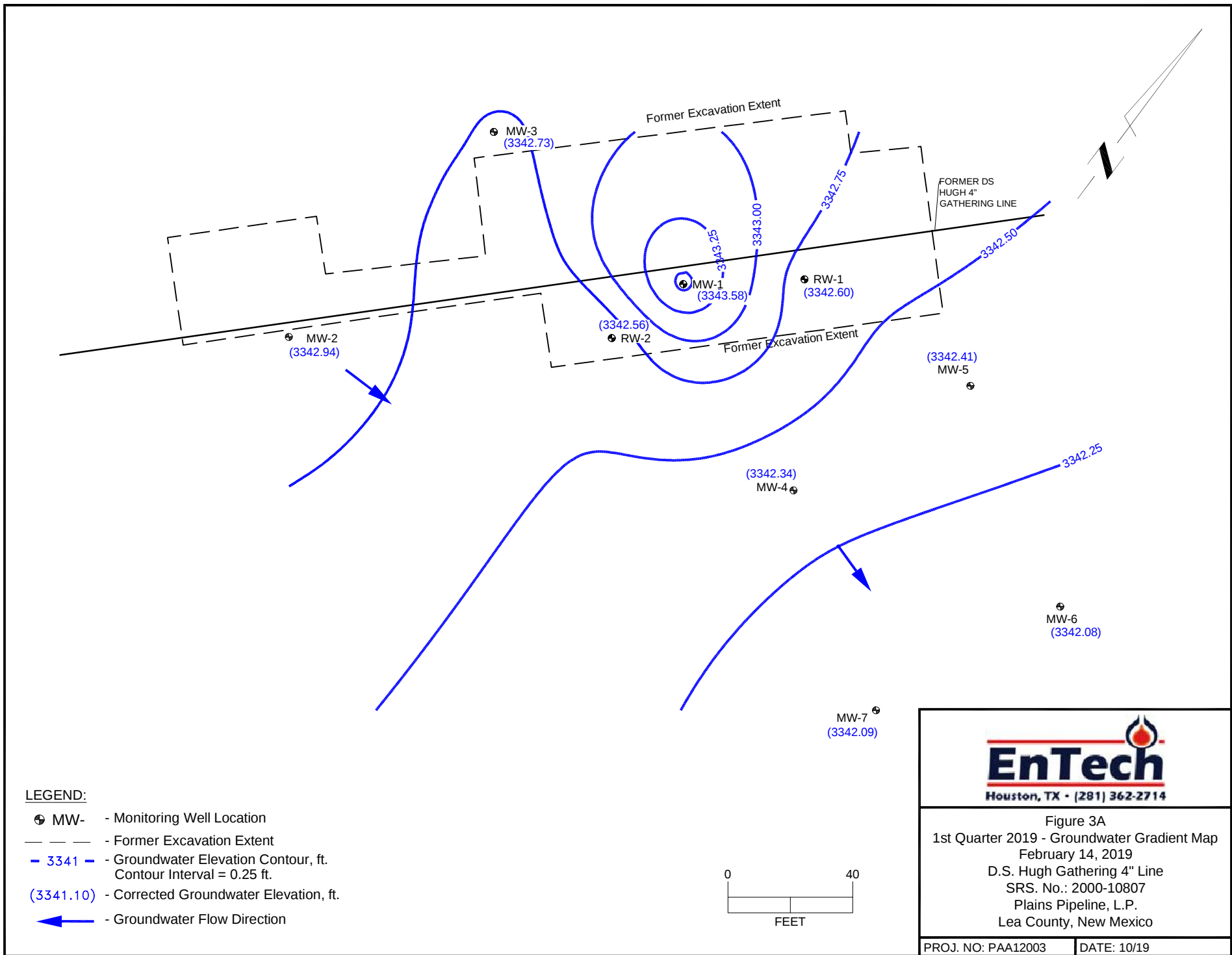
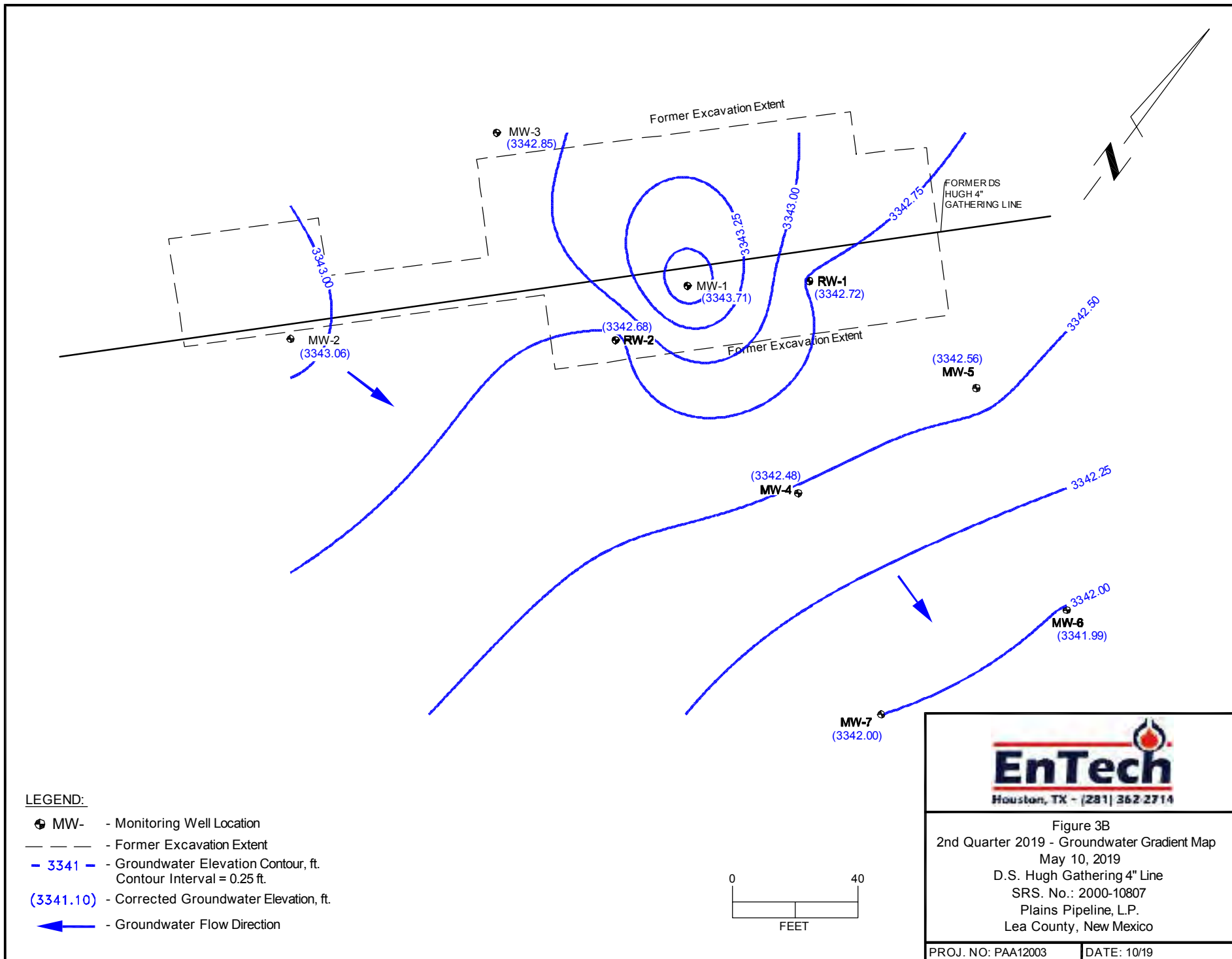


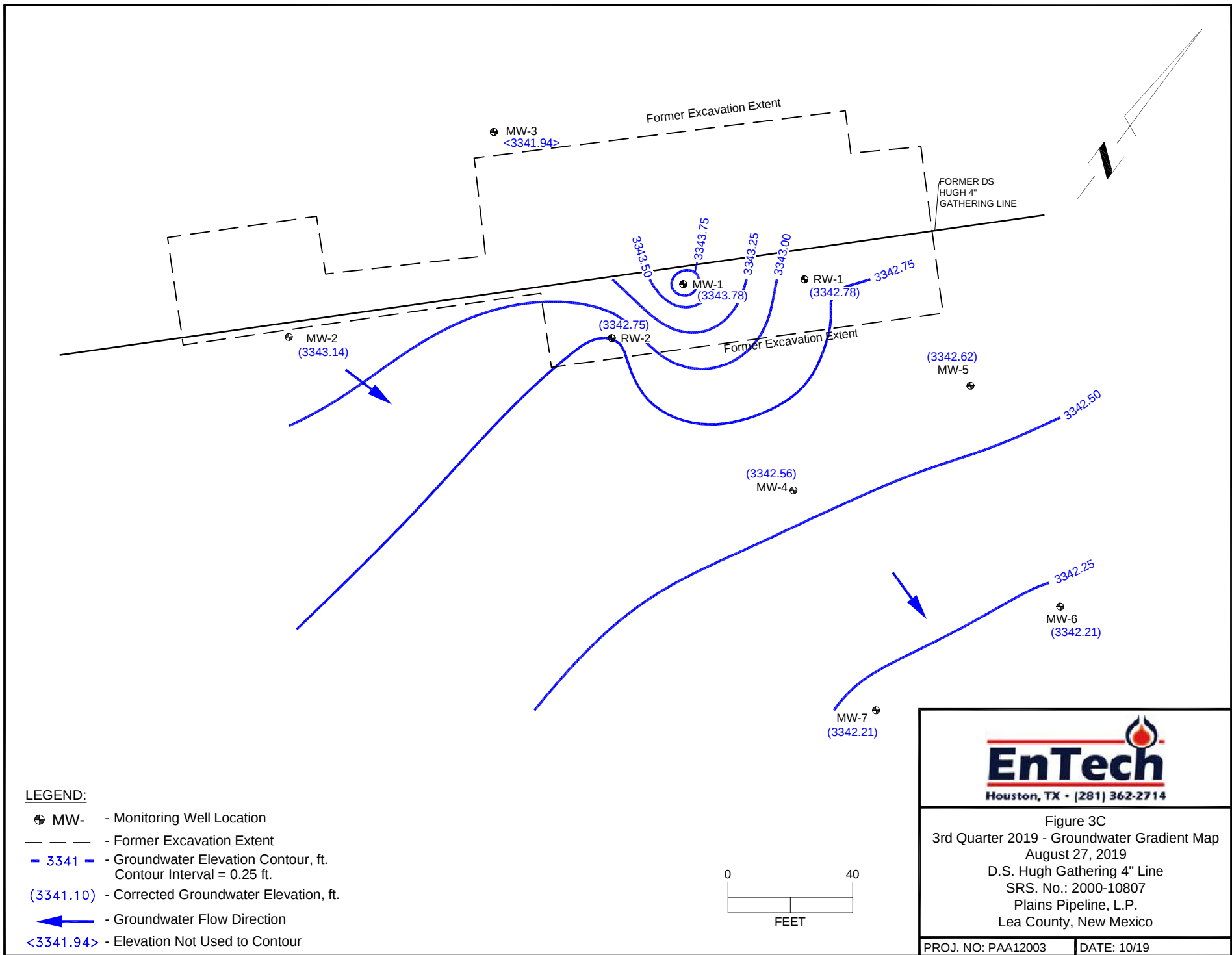
Figure 2
 Site Layout and Soil Boring Location Map
 D.S. Hugh Gathering 4" Line
 SRS. No.: 2000-10807
 Plains Pipeline, L.P.
 Lea County, New Mexico

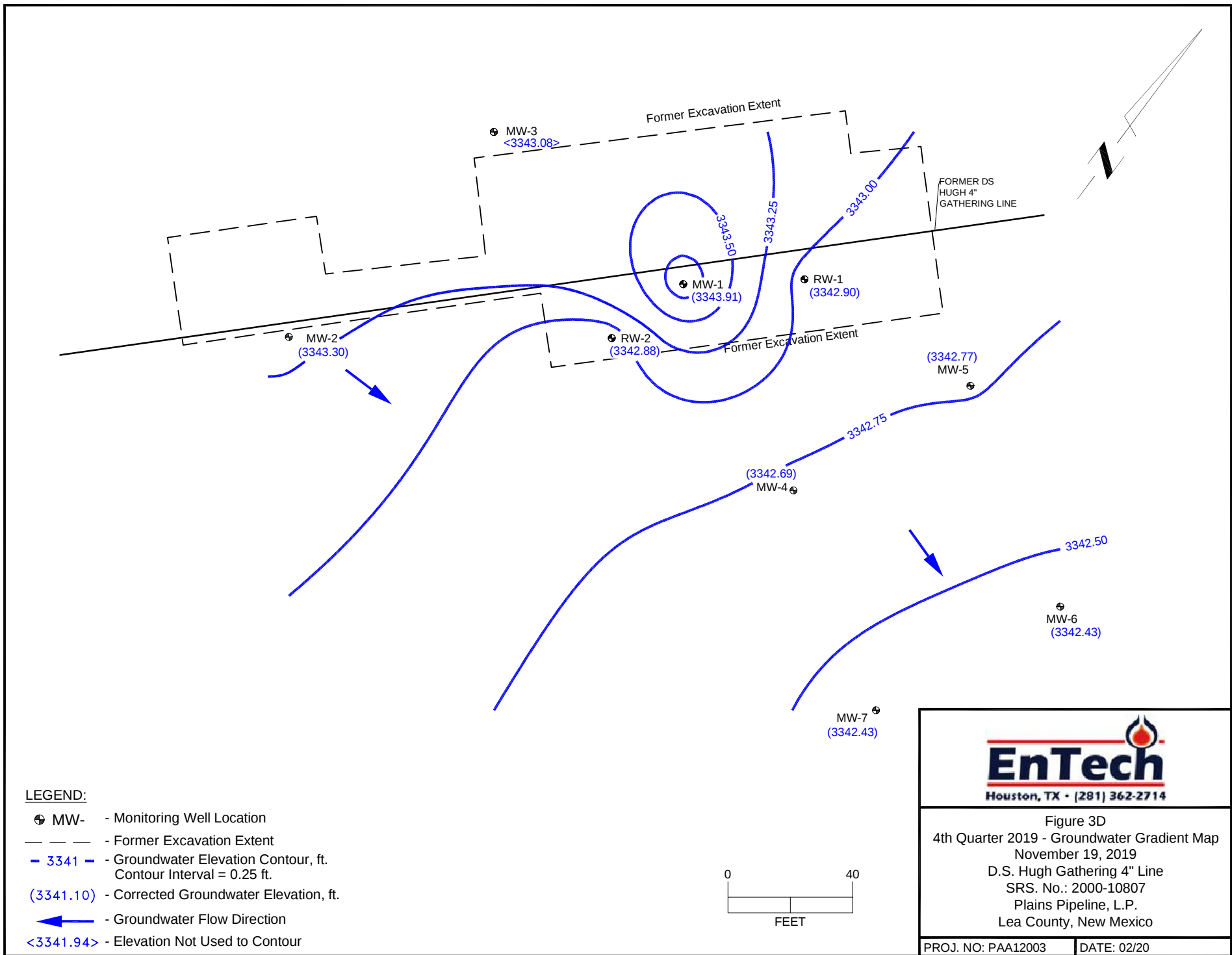
PROJ. NO: PAA12003

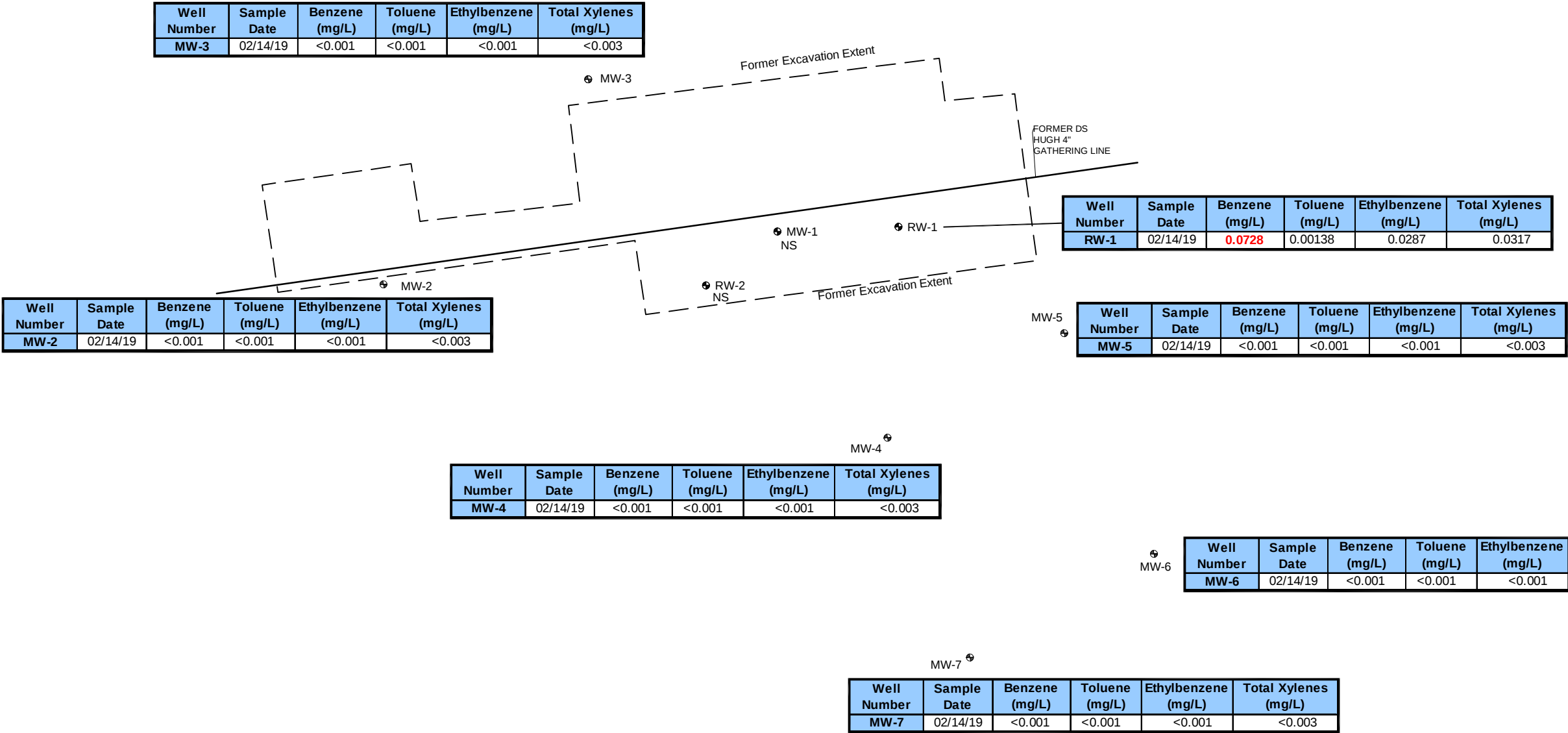
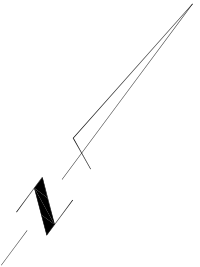
DATE: 10/19







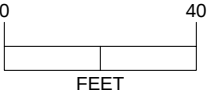




LEGEND:
MW- - MONITOR WELL LOCATIONS
- - - - - FORMER EXCAVATION EXTENT

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMOCD Remediation Criteria			
0.01	0.75	0.75	0.62

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.
NS - Not Sampled



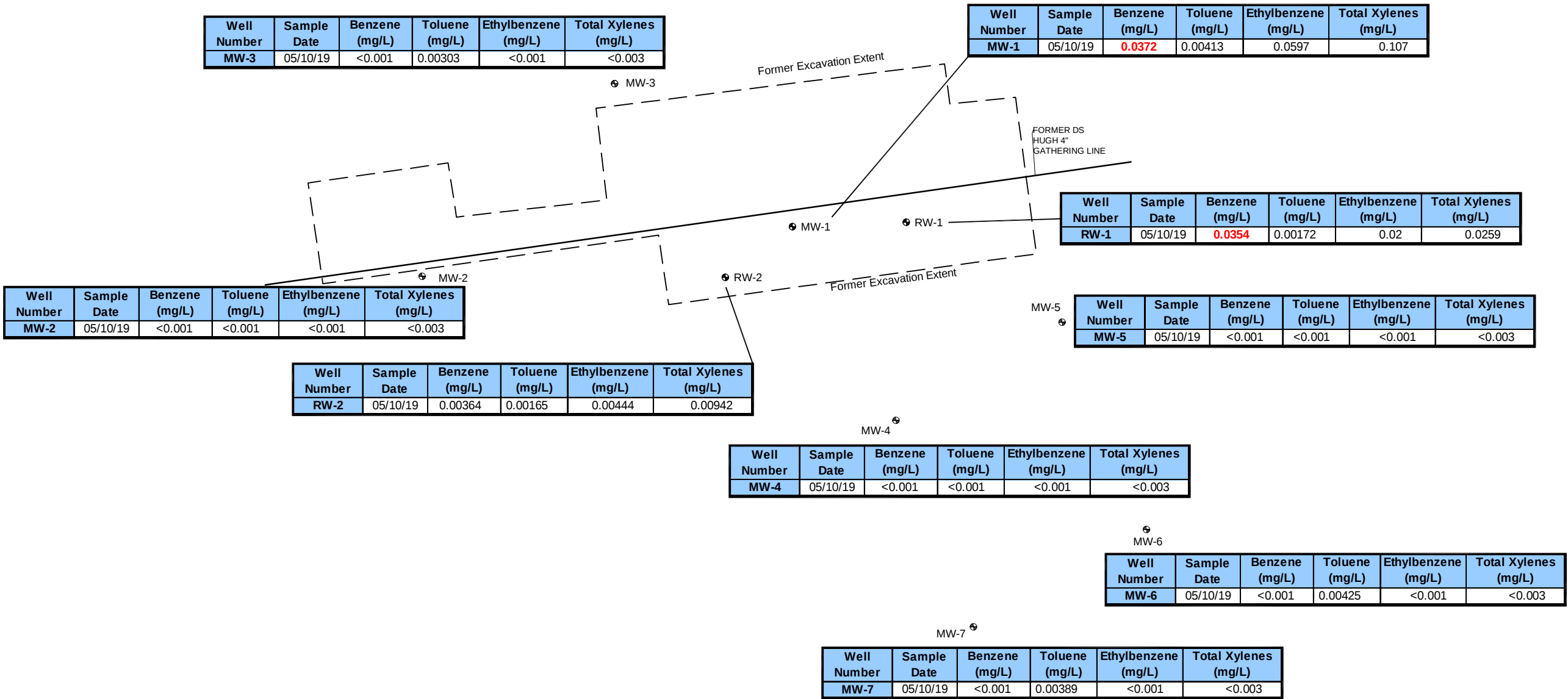
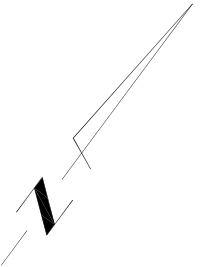


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Figure 4A
1st Quarter 2019 - Groundwater Analytical Map
February 14, 2019
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003

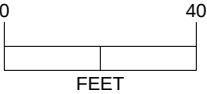
DATE: 10/19



LEGEND:
⊕ MW- - MONITOR WELL LOCATIONS
- - - - - FORMER EXCAVATION EXTENT

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMOCD Remediation Criteria			
0.01	0.75	0.75	0.62

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.

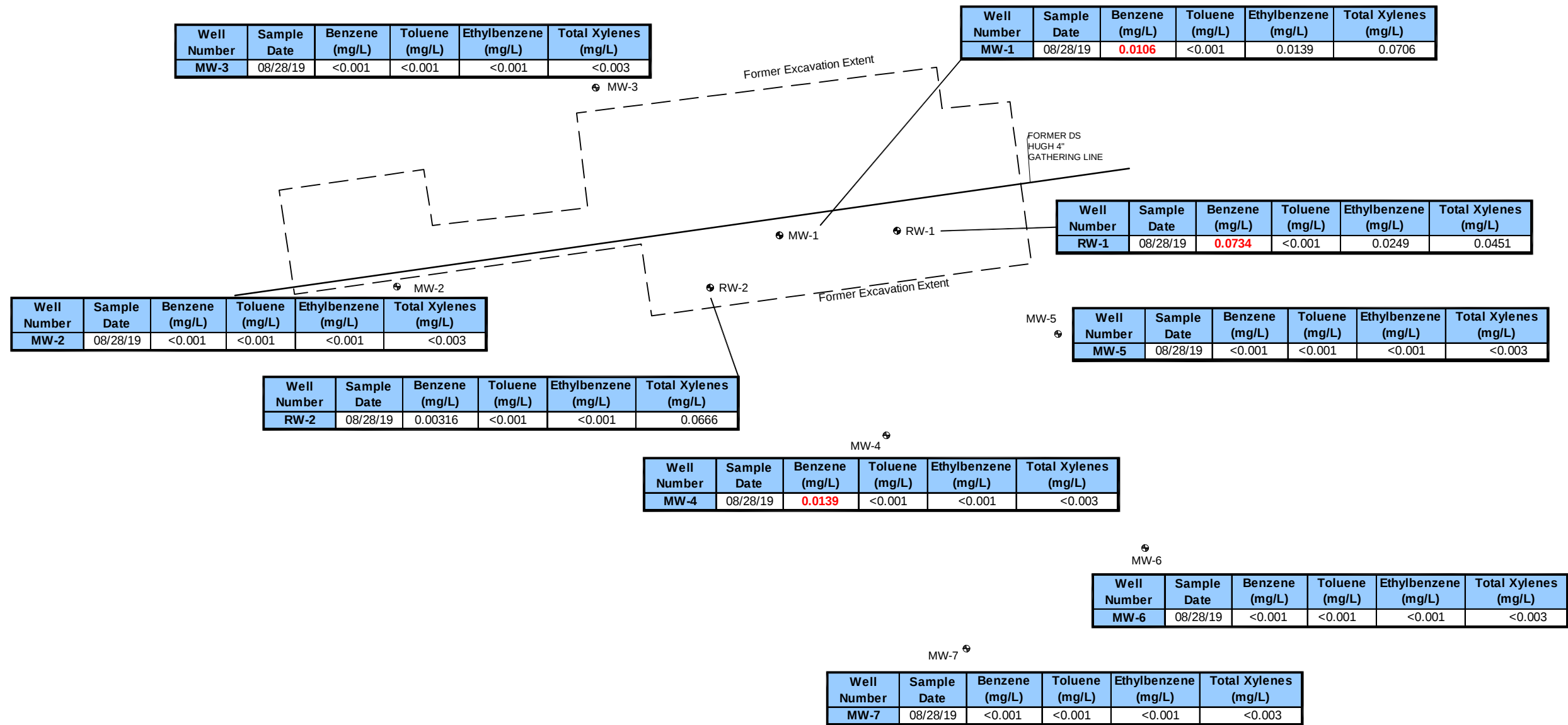
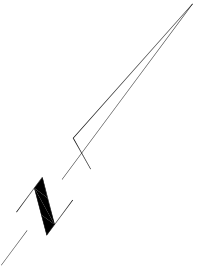




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Figure 4B
2nd Quarter 2019 - Groundwater Analytical Map
May 10, 2019
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 DATE: 10/19



LEGEND:

⊕ MW- - MONITOR WELL LOCATIONS

--- - FORMER EXCAVATION EXTENT

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMOCD Remediation Criteria			
0.01	0.75	0.75	0.62

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.

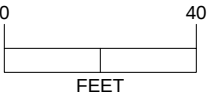
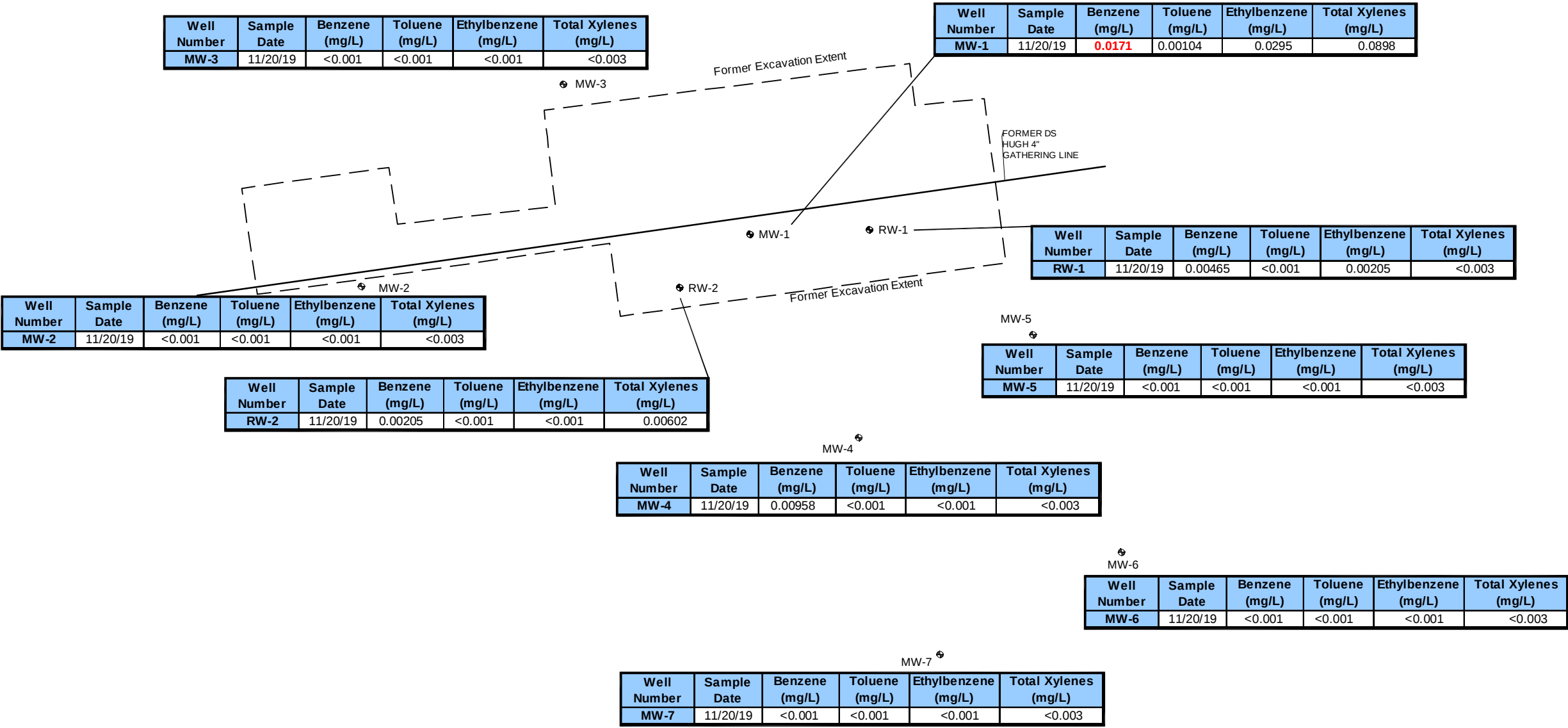
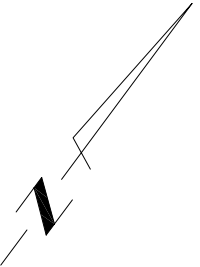


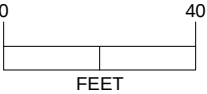
Figure 4C
3rd Quarter 2019 - Groundwater Analytical Map
August 28, 2019
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Pipeline, L.P.
Lea County, New Mexico



LEGEND:
⊕ MW- - MONITOR WELL LOCATIONS
--- - FORMER EXCAVATION EXTENT

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMOCD Remediation Criteria			
0.01	0.75	0.75	0.62

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.



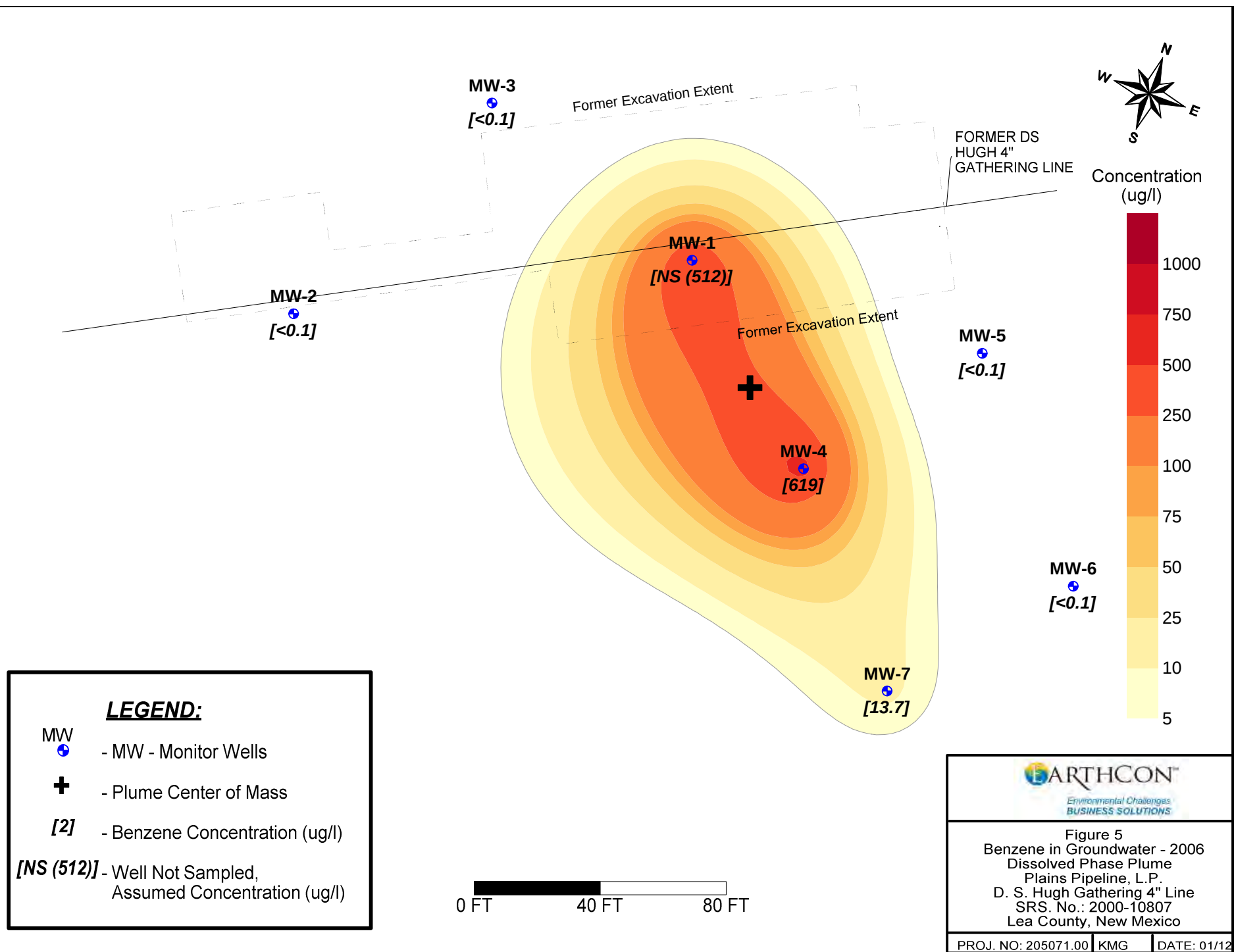


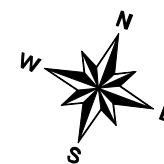
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Figure 4D
4th Quarter 2019 - Groundwater Analytical Map
November 20, 2019
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Pipeline, L.P.
Lea County, New Mexico

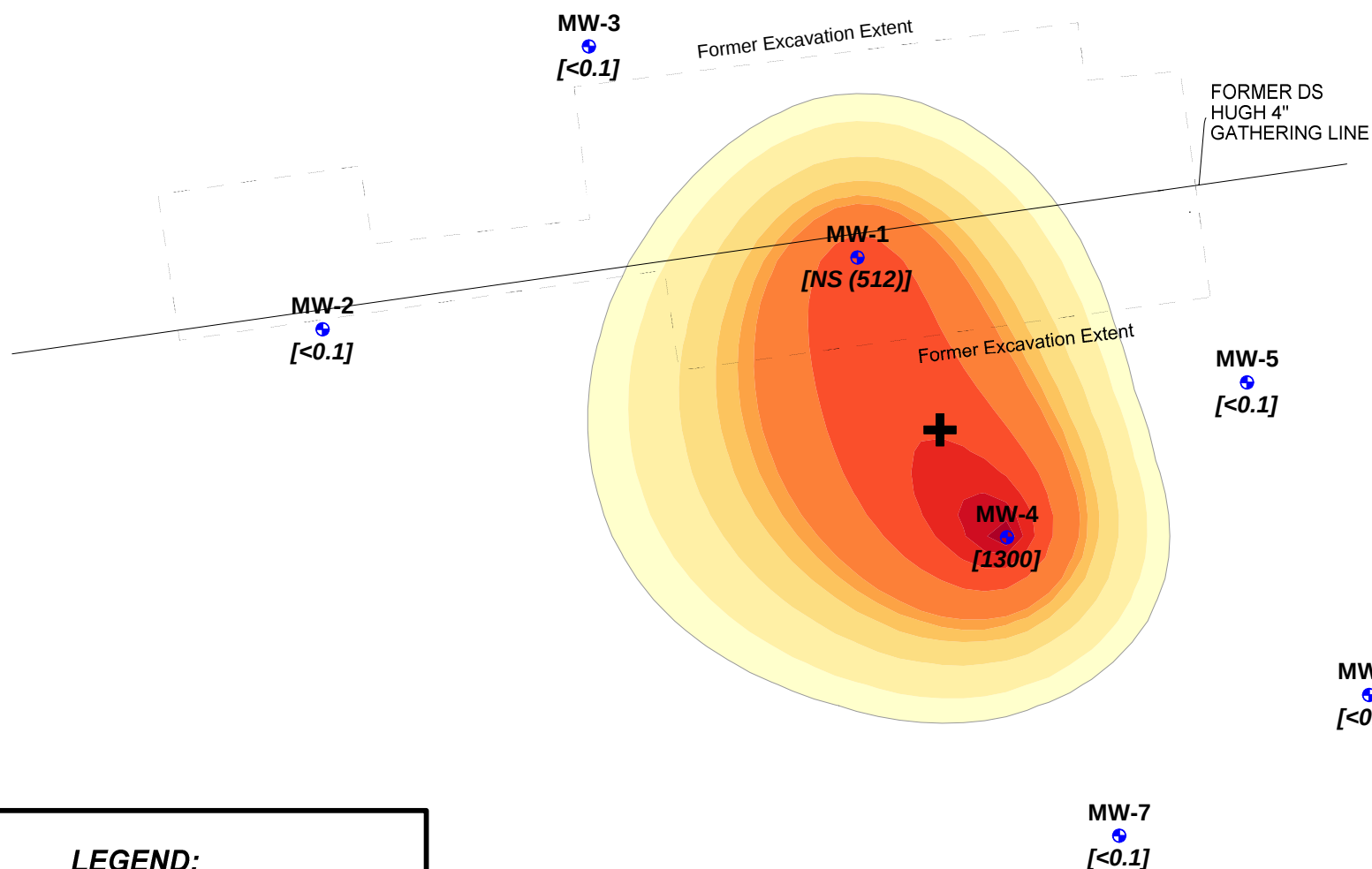
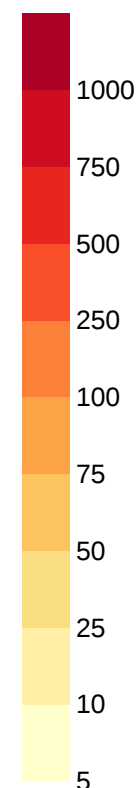
PROJ. NO: PAA12003

DATE: 2/20





Concentration (ug/l)



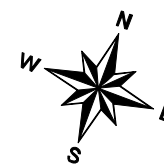
LEGEND:

- MW
+ - MW - Monitor Wells
- + - Plume Center of Mass
- [2] - Benzene Concentration (ug/l)
- [NS (512)] - Well Not Sampled,
Assumed Concentration (ug/l)

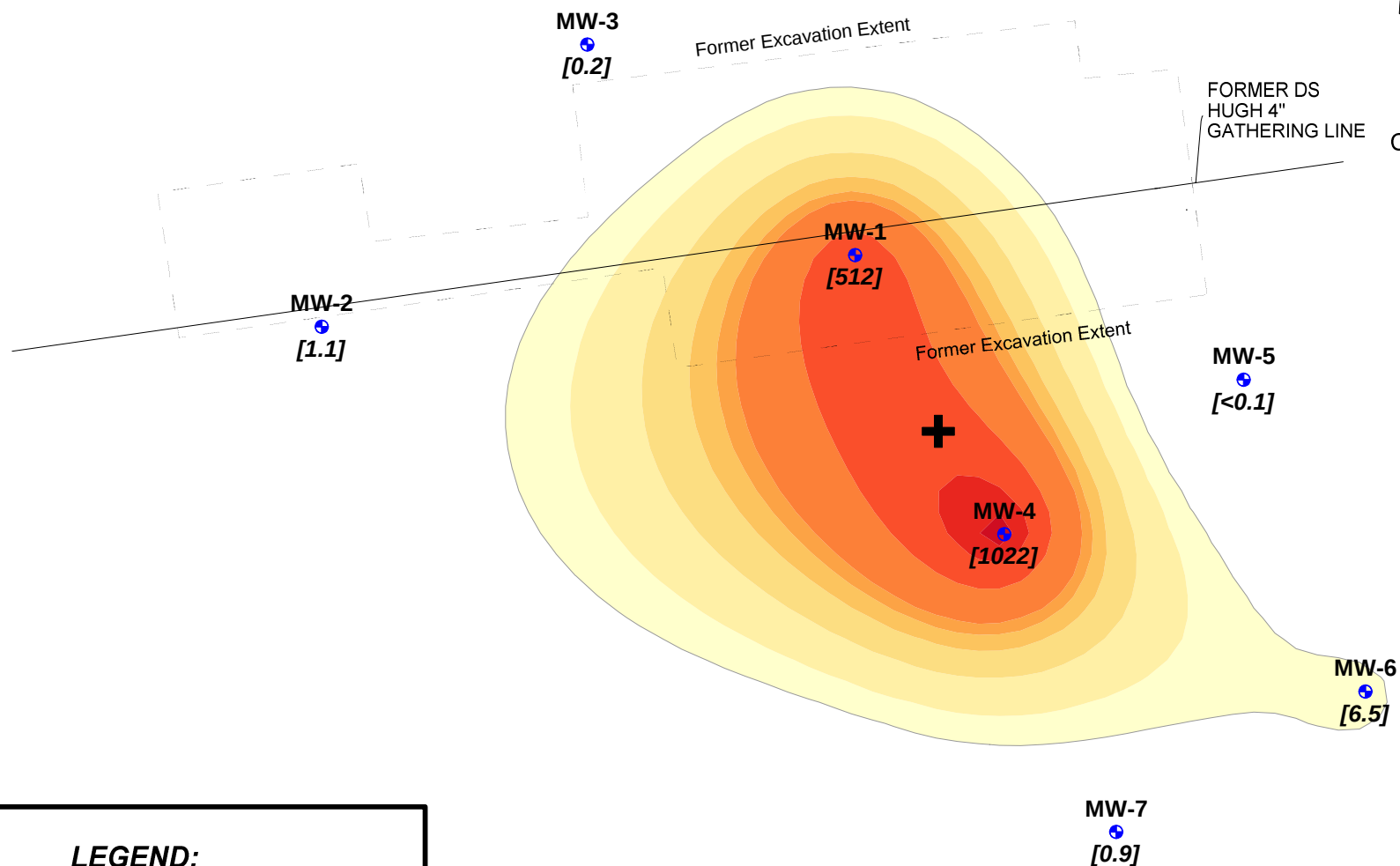
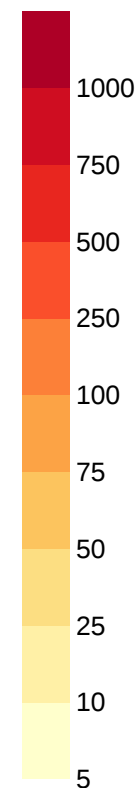
0 FT 40 FT 80 FT



Figure 6
Benzene in Groundwater - 2007
Dissolved Phase Plume
Plains Pipeline, L.P.
D. S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico



Concentration (ug/l)



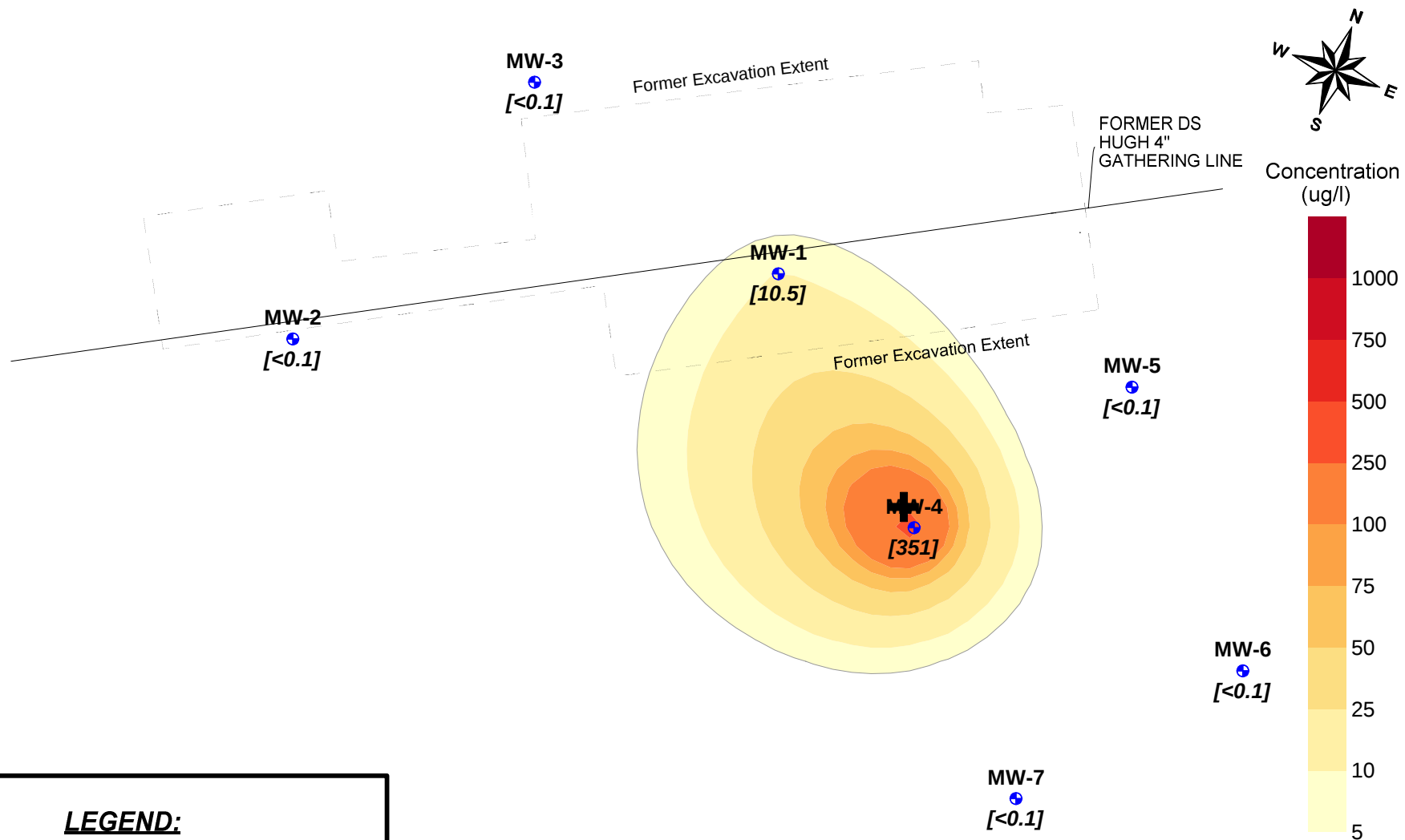
LEGEND:

- MW
+ - MW - Monitor Wells
- + - Plume Center of Mass
- [2] - Benzene Concentration (ug/l)
- [NS (512)] - Well Not Sampled, Assumed Concentration (ug/l)

0 FT 40 FT 80 FT



Figure 7
Benzene in Groundwater - 2008
Dissolved Phase Plume
Plains Pipeline, L.P.
D. S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico



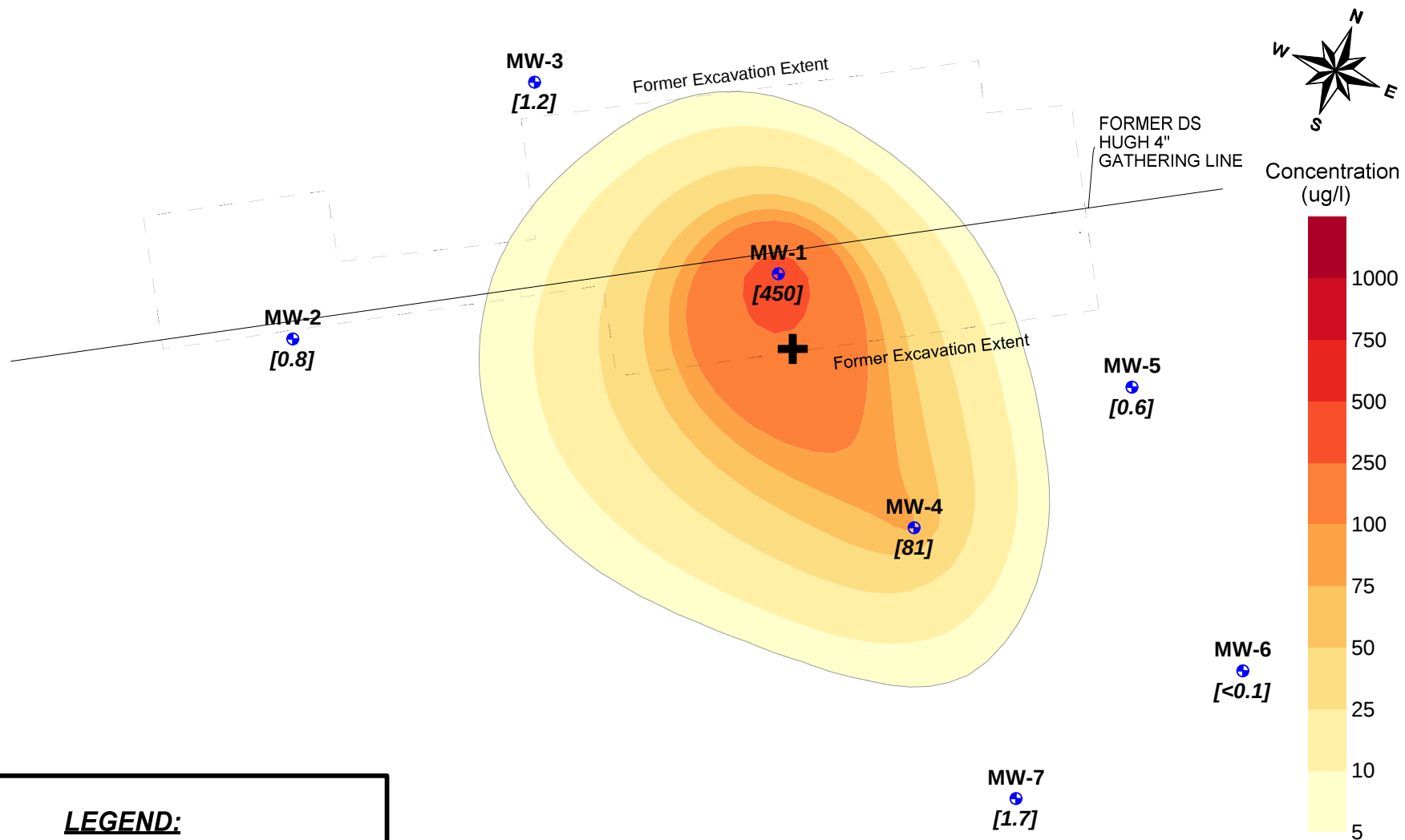
LEGEND:

- MW
 - MW - Monitor Wells
- Plume Center of Mass
- [2] - Benzene Concentration (ug/l)
- [NS (512)] - Well Not Sampled, Assumed Concentration (ug/l)

0 FT 40 FT 80 FT



Figure 8
 Benzene in Groundwater - 2009
 Dissolved Phase Plume
 Plains Pipeline, L.P.
 D. S. Hugh Gathering 4" Line
 SRS. No.: 2000-10807
 Lea County, New Mexico



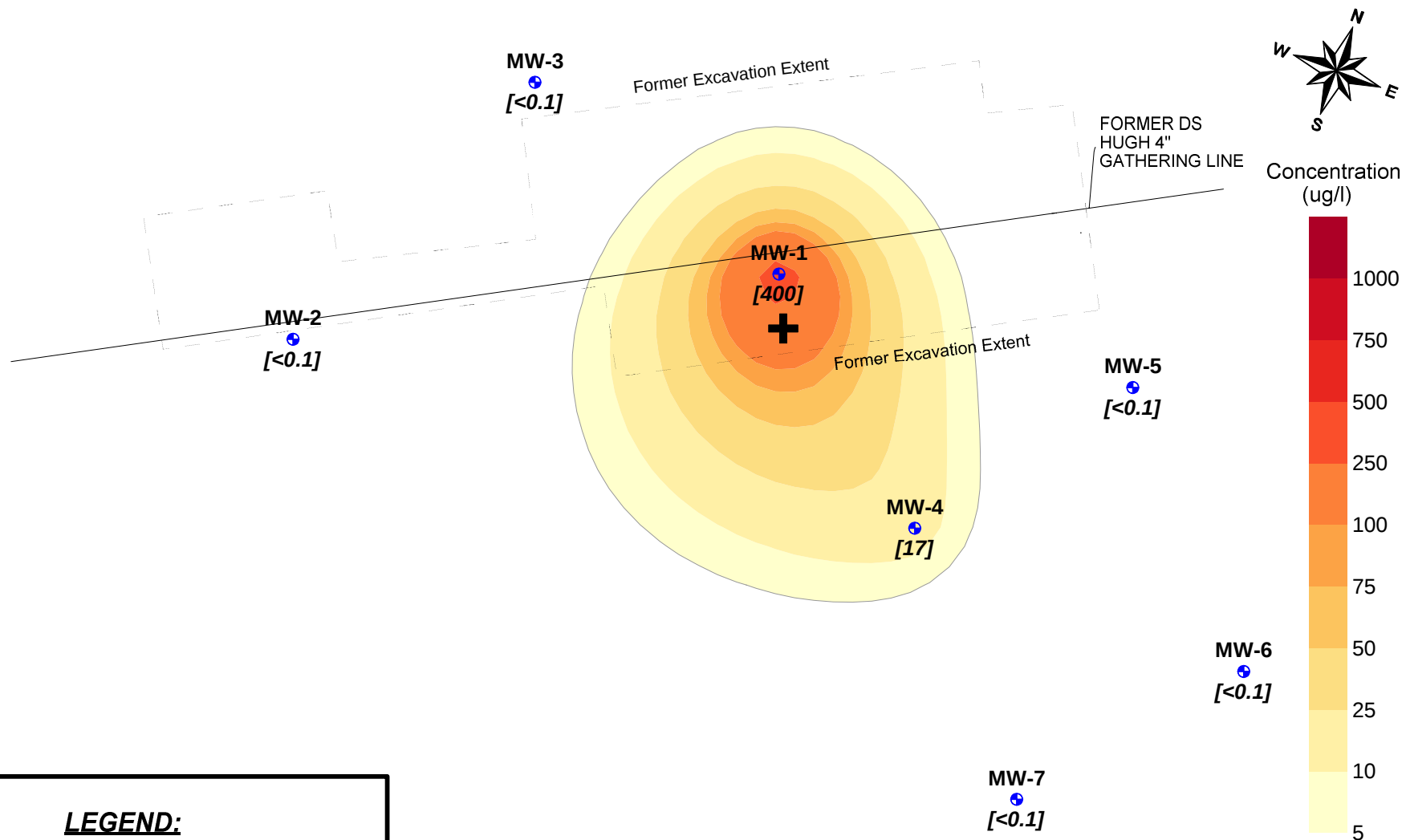
LEGEND:

- MW
+ - MW - Monitor Wells
- + - Plume Center of Mass
- [2] - Benzene Concentration (ug/l)
- [NS (512)] - Well Not Sampled, Assumed Concentration (ug/l)

0 FT 40 FT 80 FT



Figure 9
Benzene in Groundwater - 2010
Dissolved Phase Plume
Plains Pipeline, L.P.
D. S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico



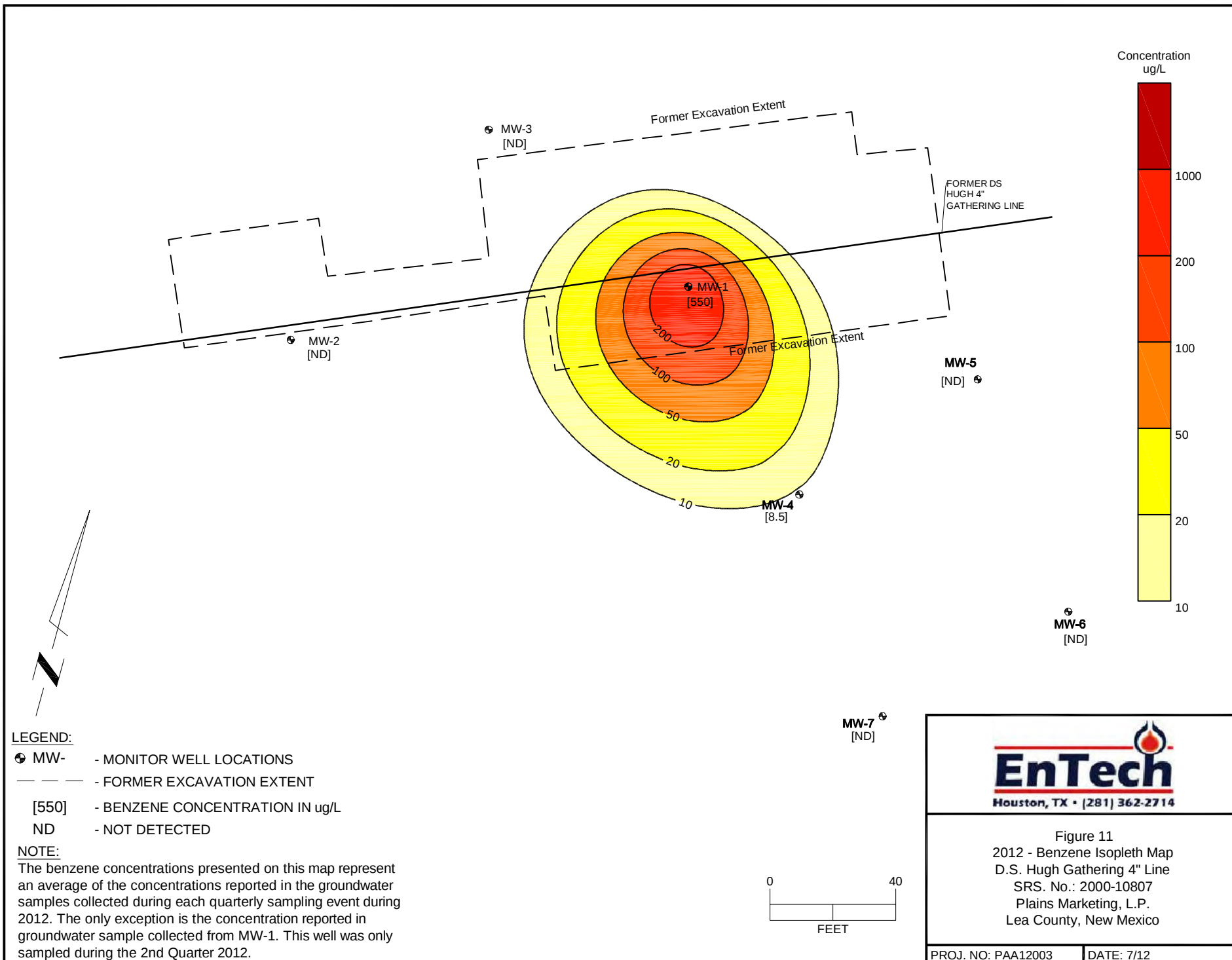
LEGEND:

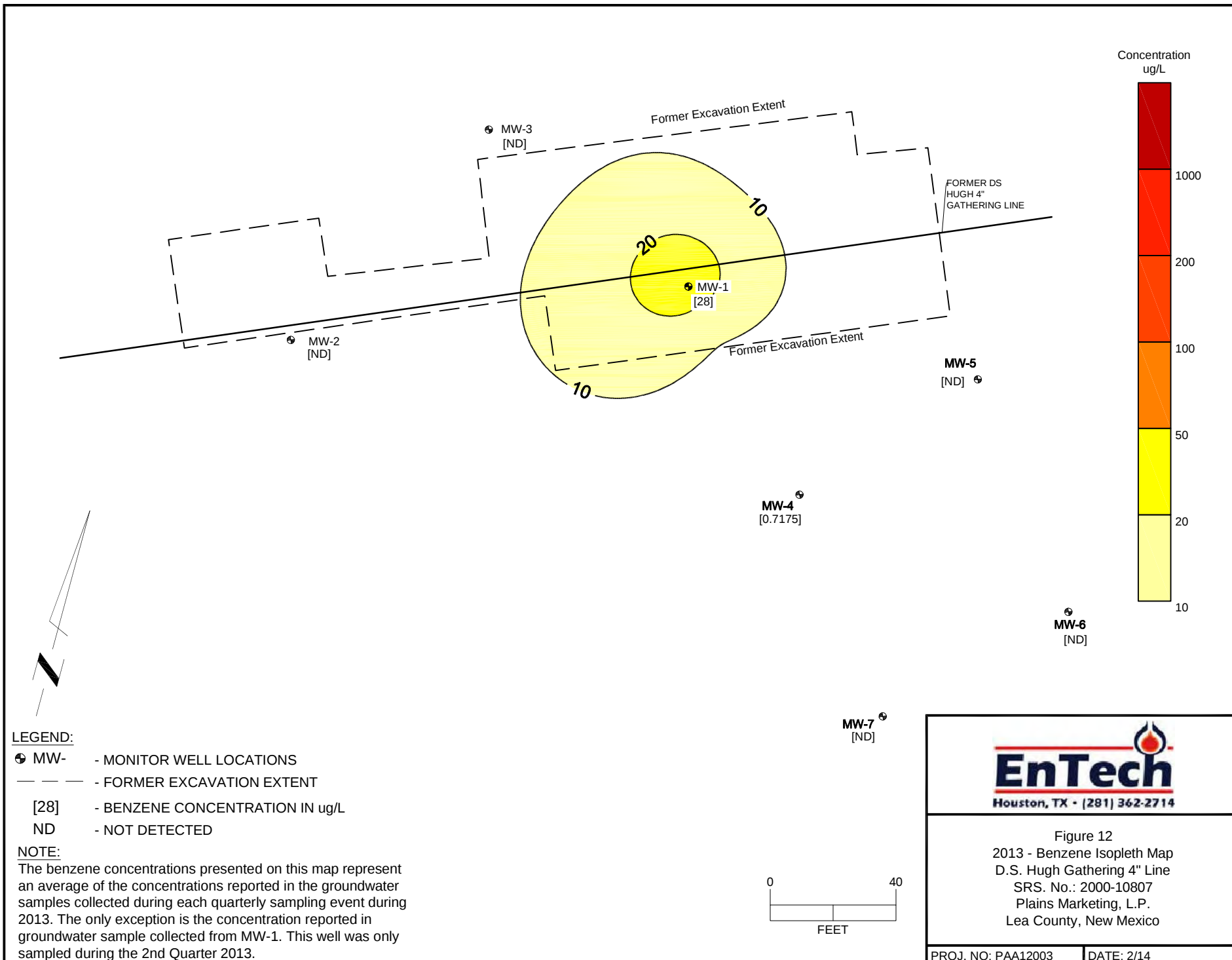
- MW
 - MW - Monitor Wells
- Plume Center of Mass
- [2] - Benzene Concentration (ug/l)
- [NS (512)] - Well Not Sampled, Assumed Concentration (ug/l)

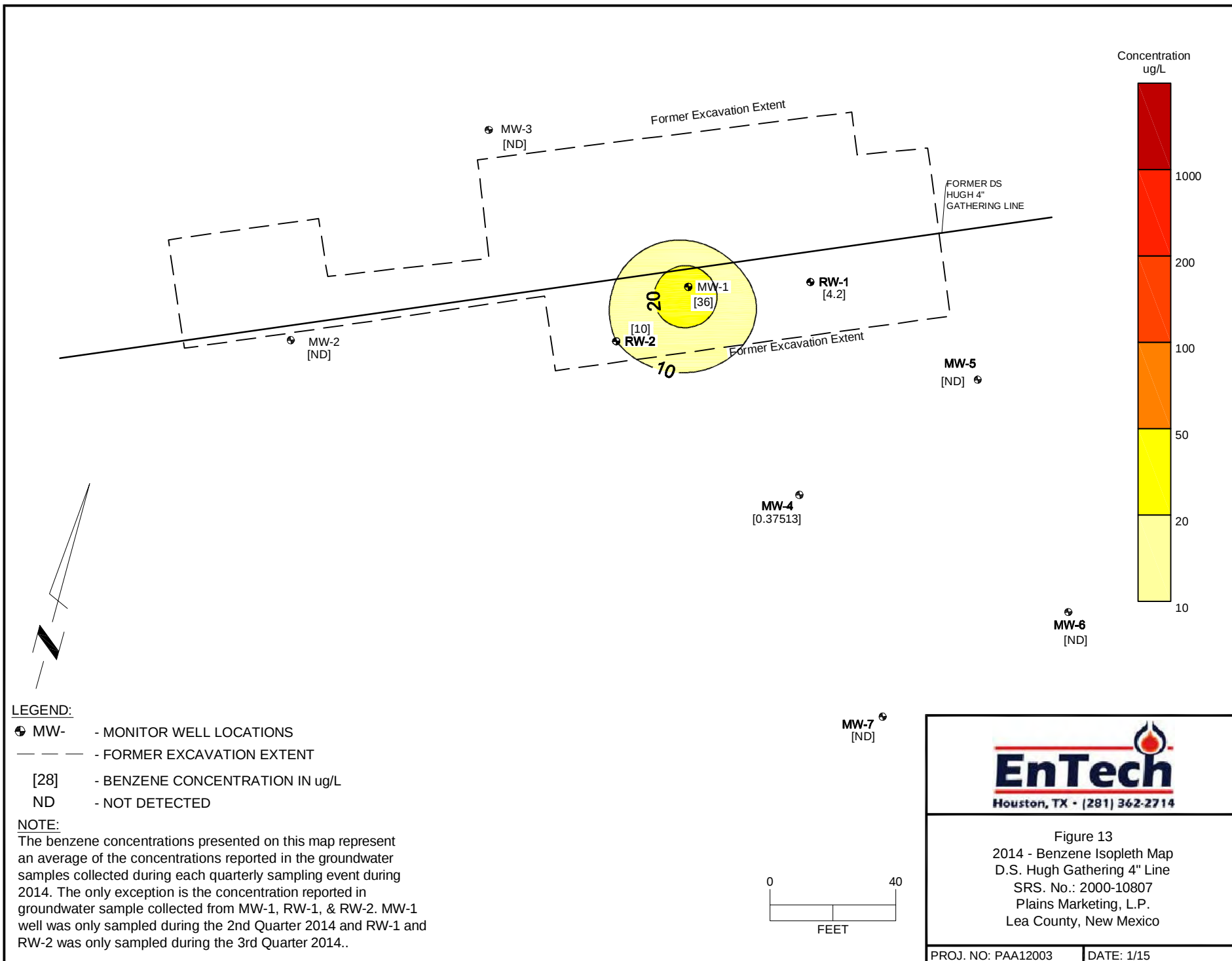
0 FT 40 FT 80 FT

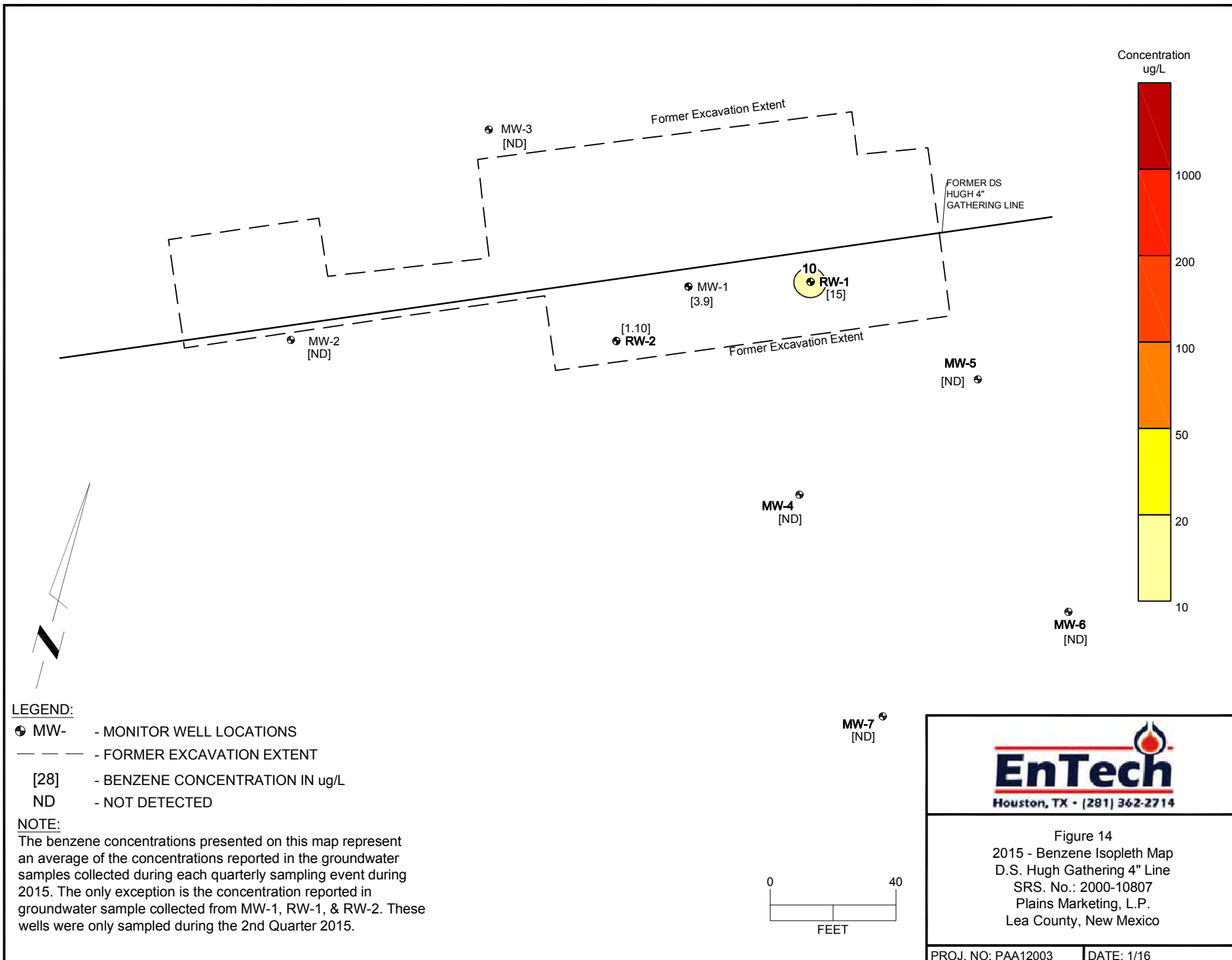


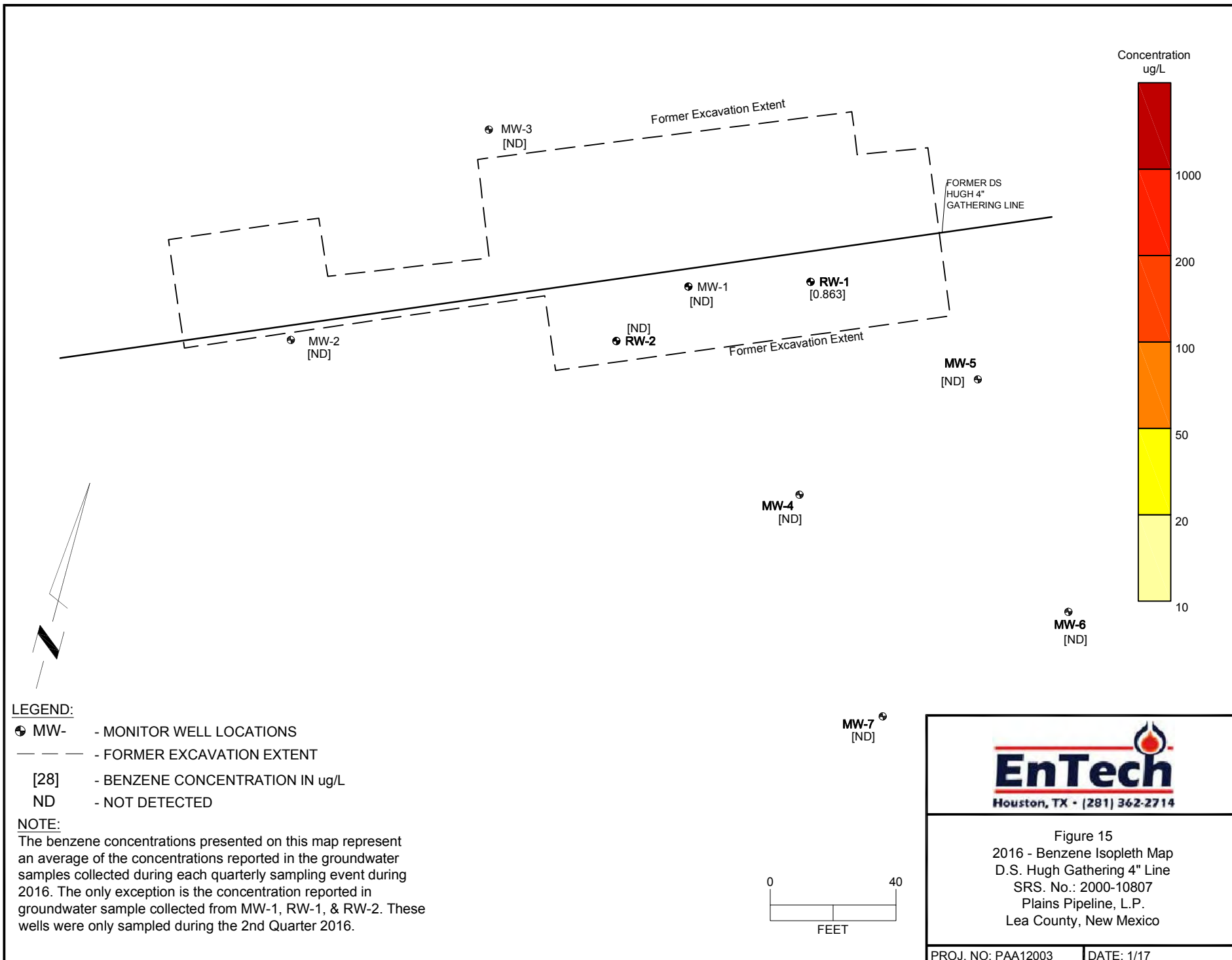
Figure 10
 Benzene in Groundwater - 2011
 Dissolved Phase Plume
 Plains Pipeline, L.P.
 D. S. Hugh Gathering 4" Line
 SRS. No.: 2000-10807
 Lea County, New Mexico

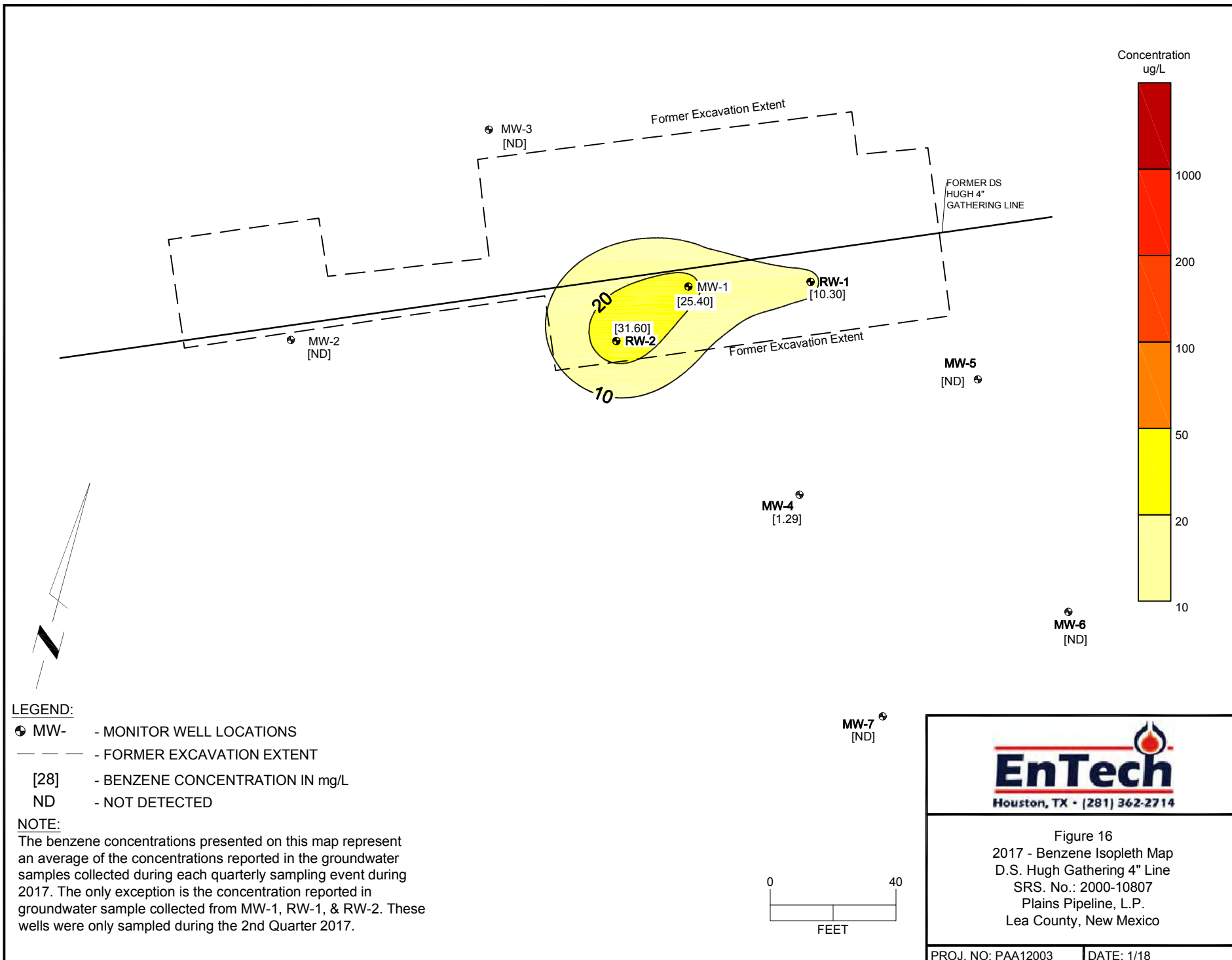


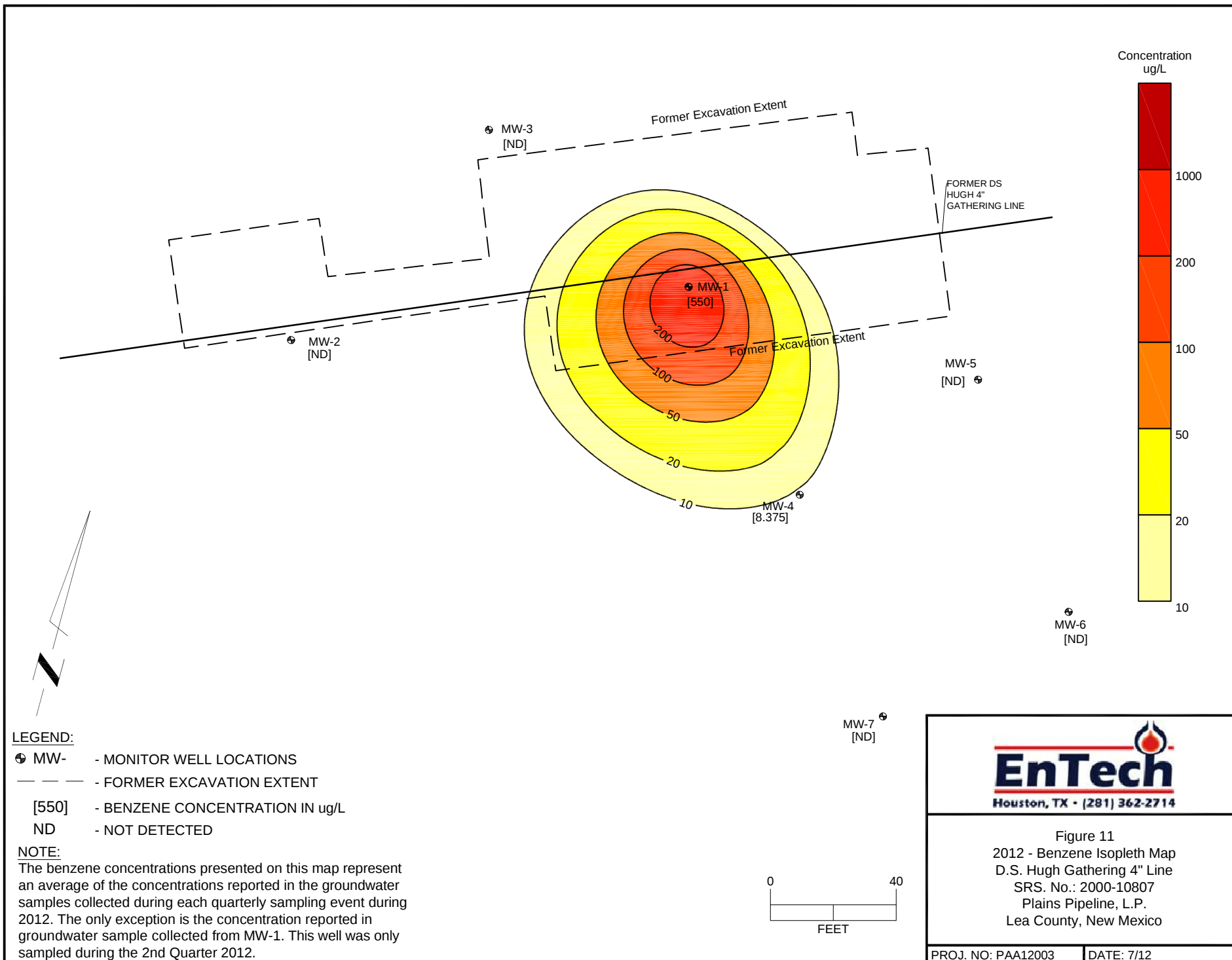


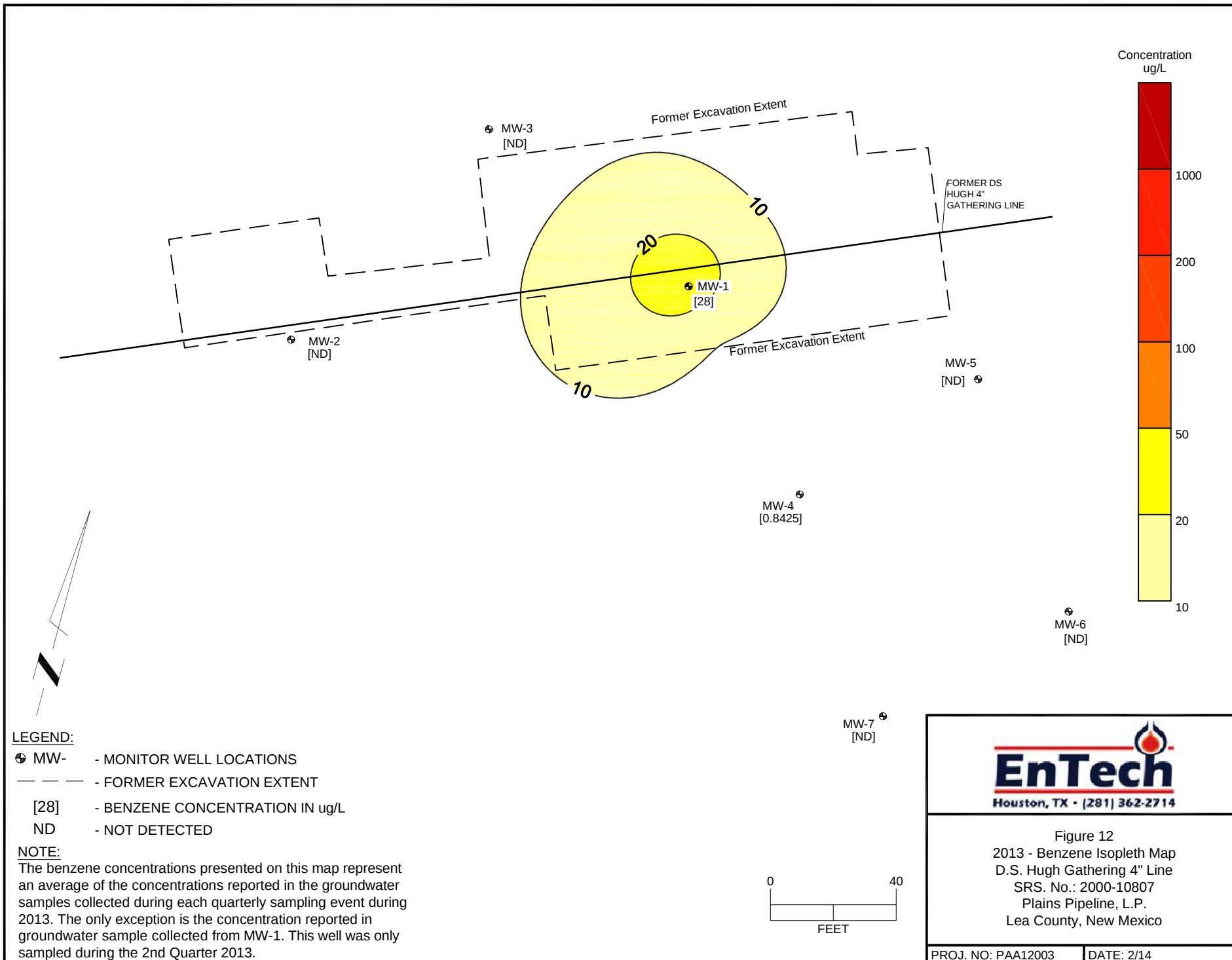


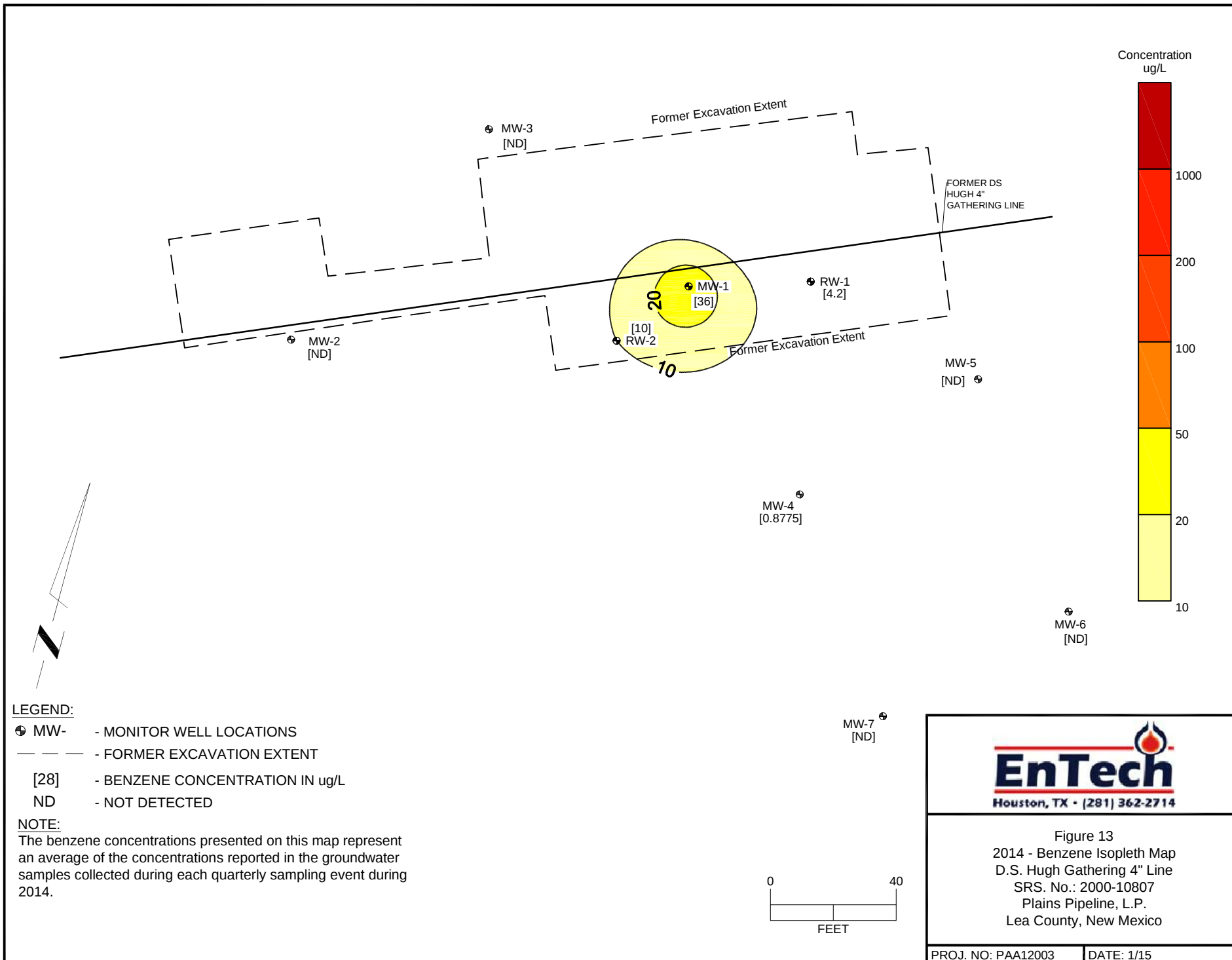


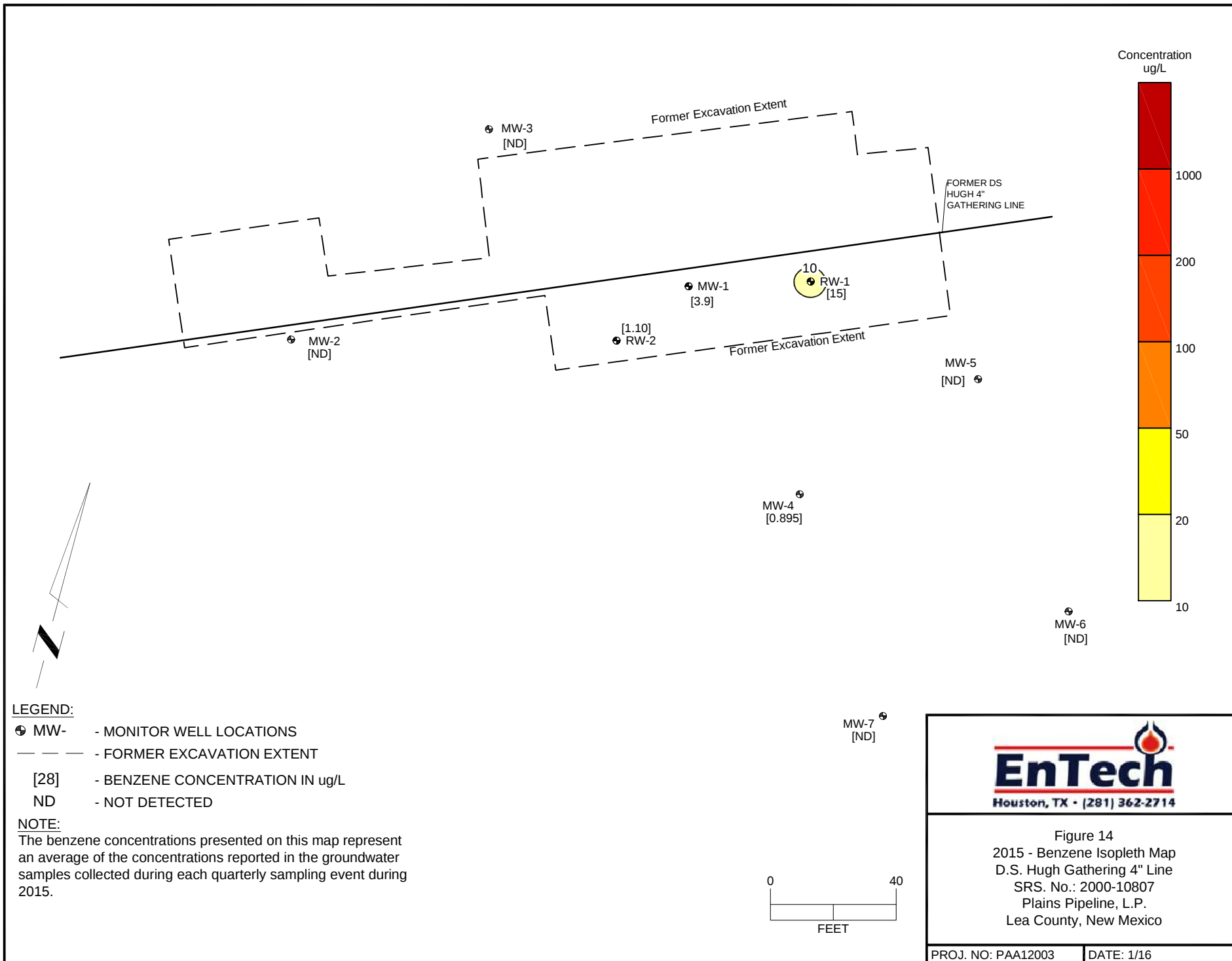


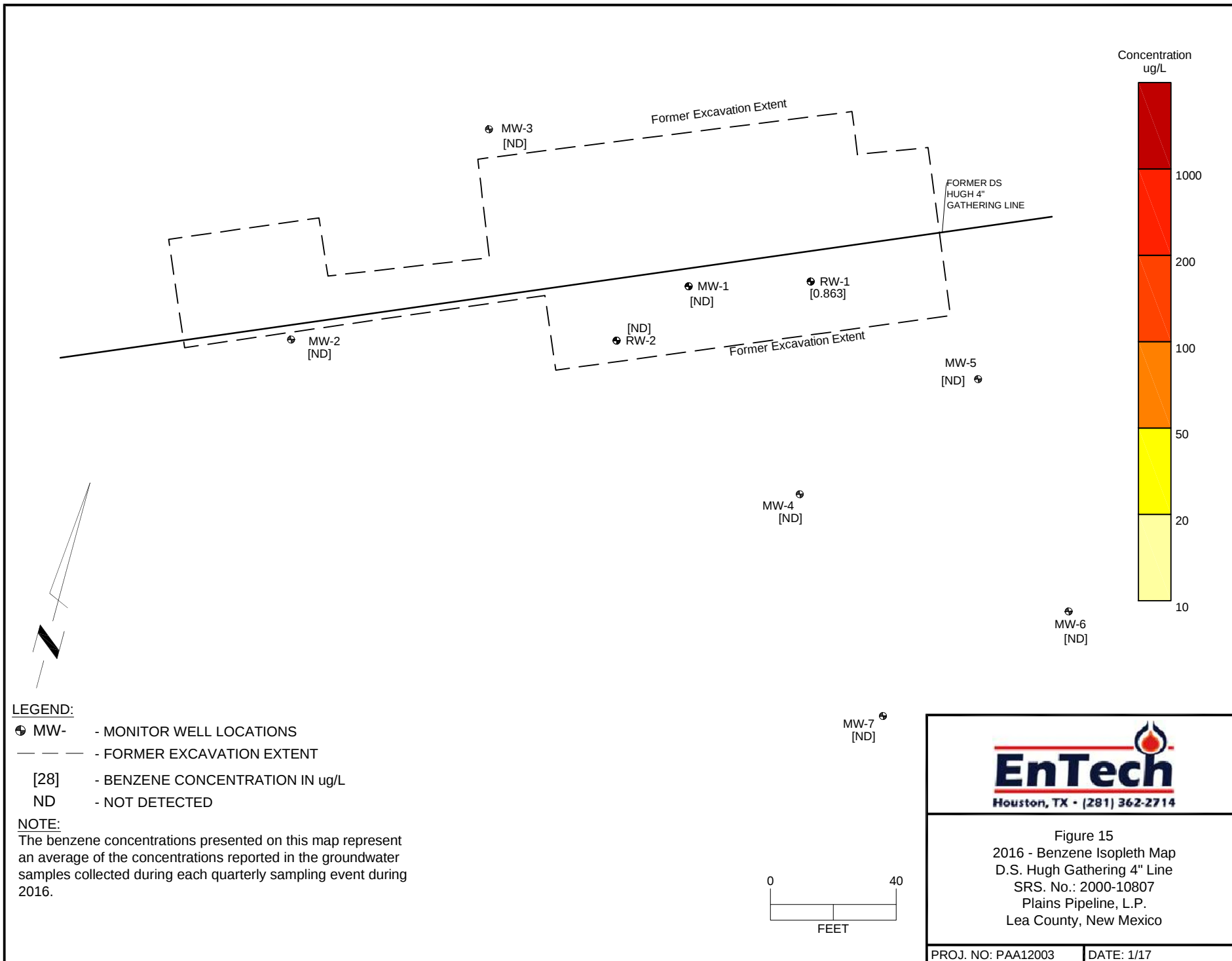


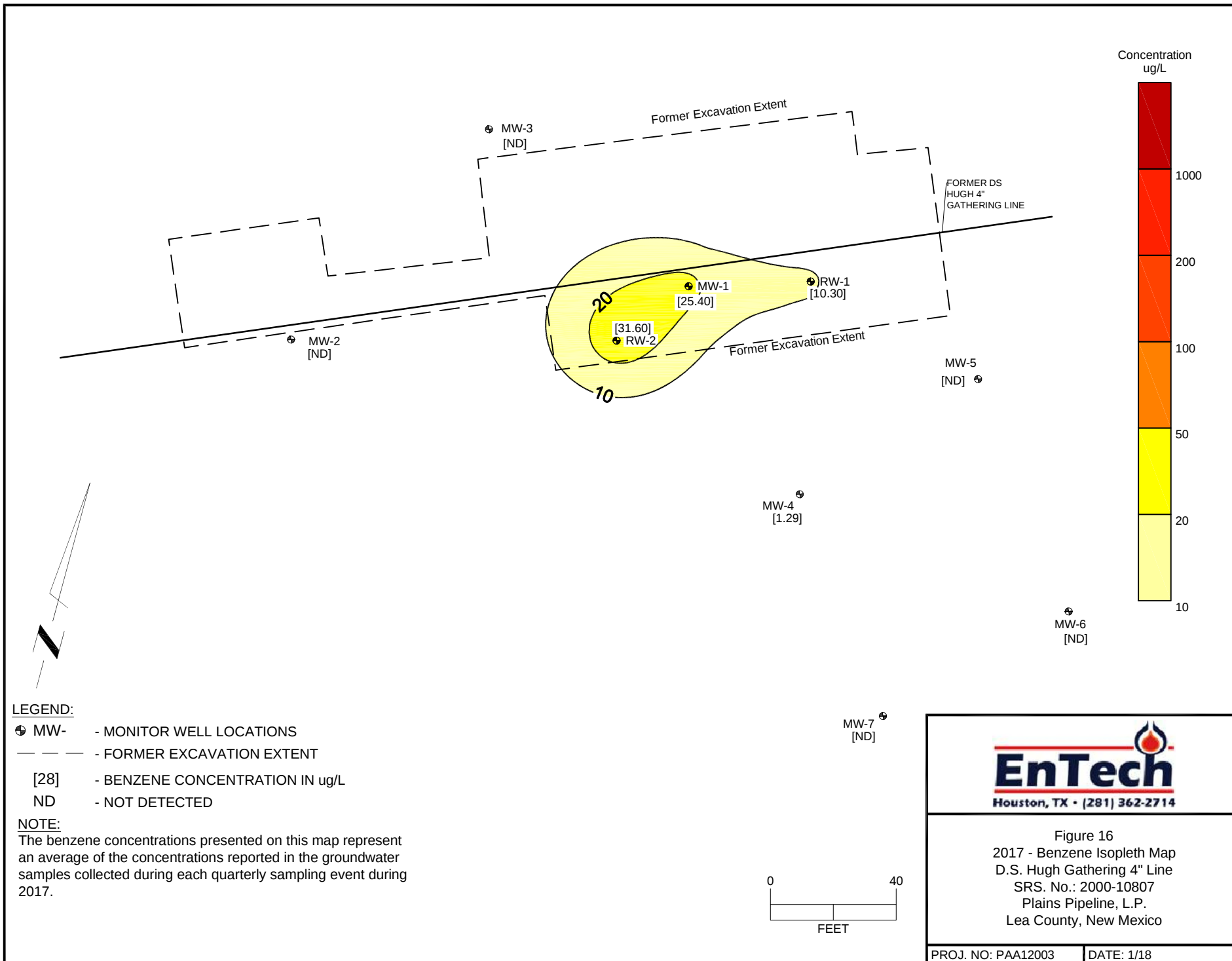


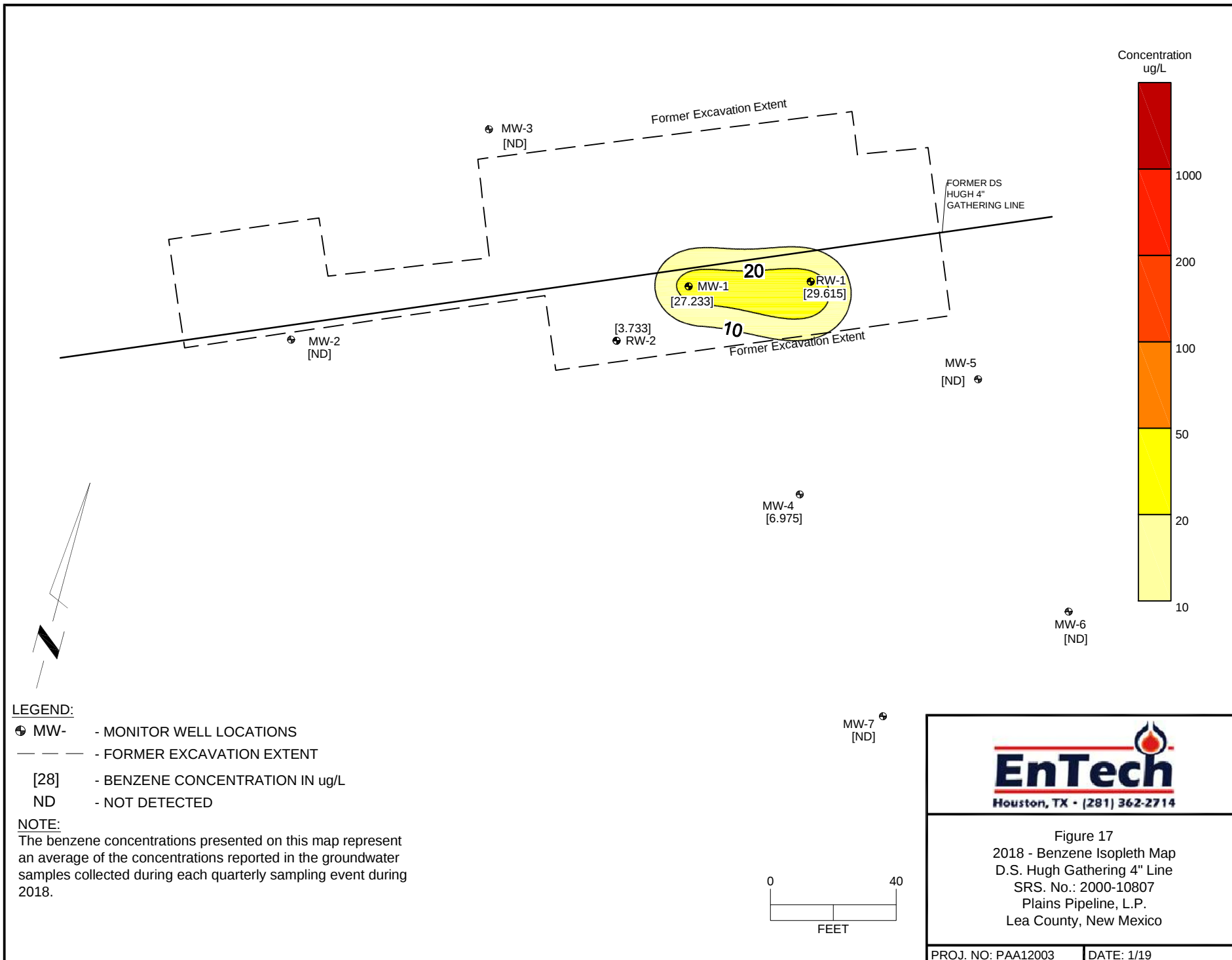


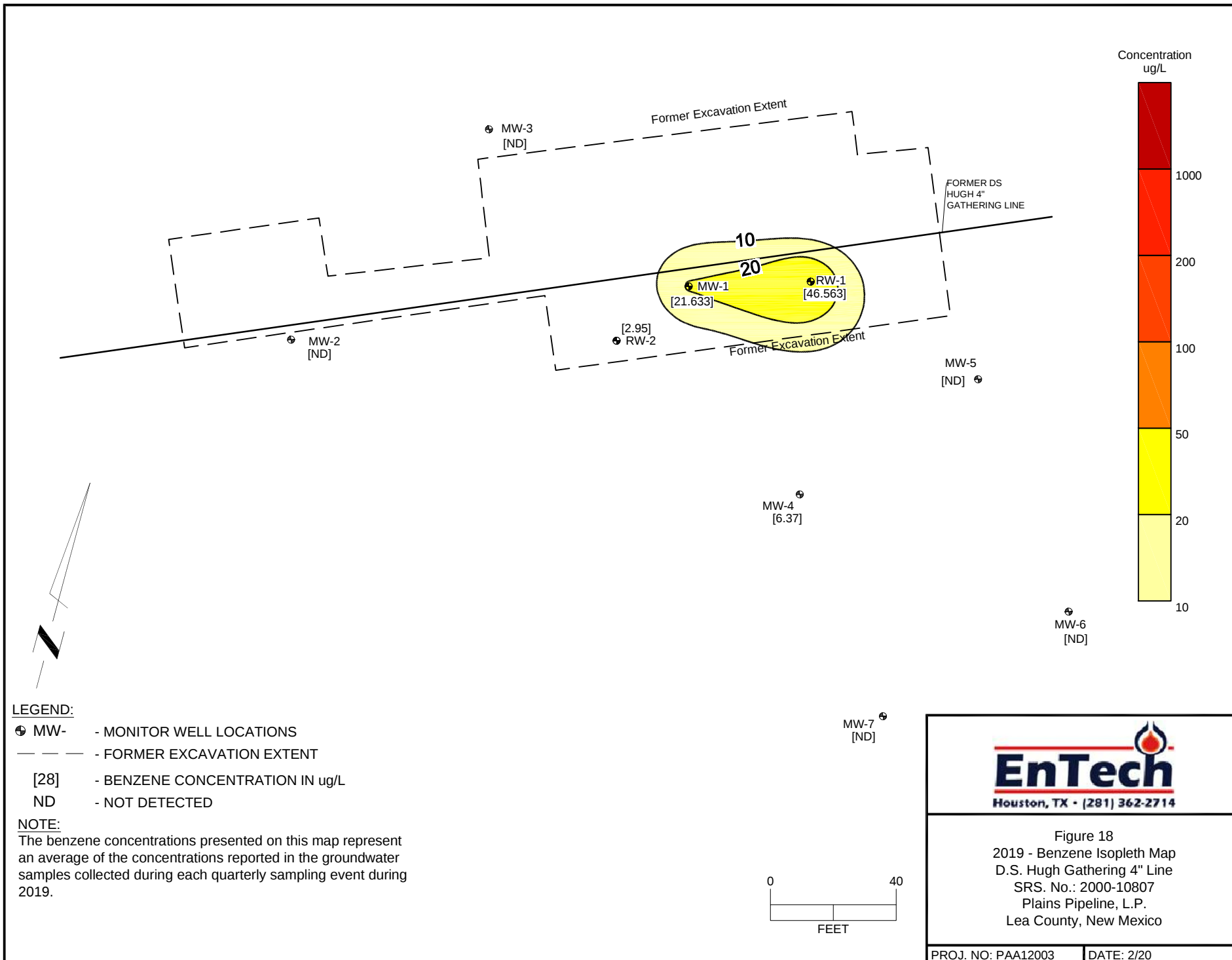












TABLES

Table 1	2019 Well Survey Data and Groundwater Elevations
Table 2	Historical Groundwater Elevation and PSH Recovery Data
Table 3	2019 Groundwater Analytical Results
Table 4	Historical Groundwater Analytical Results
Table 5	Groundwater Analytical Results for Detected Polynuclear Aromatic Hydrocarbons (PAHs) from Wells with Concentrations Exceeding NMOCD Standards
Table 6	2019 Dissolved Phase Groundwater Recovery

TABLE 1
 2019 Well Survey Data and Groundwater Elevations
 Plains Marketing, L.P.
 DS Hugh Site
 SRS #2000-10807
 Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
						PSH	H ₂ O		
MW-1	02/14/19	3389.00	45.42	45.44	0.02	NA	10.00	3343.58	Sampled
MW-1	05/10/19	3389.00	sheen	45.29	sheen	NA	10.00	3343.71	Sampled
MW-1	08/27/19	3389.00	sheen	45.22	sheen	NA	10.00	3343.78	Sampled
MW-1	11/19/19	3389.00	sheen	45.08	sheen	sheen	10.00	3343.92	
MW-2	02/14/19	3388.38	NA	45.44	NA	NA	NA	3342.94	Sampled
MW-2	05/10/19	3388.38	NA	45.32	NA	NA	NA	3343.06	Sampled
MW-2	08/27/19	3388.38	NA	45.24	NA	NA	NA	3343.14	Sampled
MW-2	11/19/19	3388.38	NA	45.08	NA	NA	NA	3343.30	Sampled
MW-3	02/14/19	3388.52	NA	45.79	NA	NA	NA	3342.73	Sampled
MW-3	05/10/19	3388.52	NA	45.67	NA	NA	NA	3342.85	Sampled
MW-3	08/27/19	3388.52	NA	46.58	NA	NA	NA	3341.94	Sampled
MW-3	11/19/19	3388.52	NA	45.44	NA	NA	NA	3343.08	Sampled
MW-4	02/14/19	3388.92	NA	46.58	NA	NA	NA	3342.34	Sampled
MW-4	05/10/19	3388.92	NA	46.44	NA	NA	NA	3342.48	Sampled
MW-4	08/27/19	3388.92	NA	46.36	NA	NA	NA	3342.56	Sampled
MW-4	11/19/19	3388.92	NA	46.23	NA	NA	NA	3342.69	Sampled
MW-5	02/14/19	3389.40	NA	46.99	NA	NA	NA	3342.41	Sampled
MW-5	05/10/19	3389.40	NA	46.84	NA	NA	NA	3342.56	Sampled
MW-5	08/27/19	3389.40	NA	46.78	NA	NA	NA	3342.62	Sampled
MW-5	11/19/19	3389.40	NA	46.63	NA	NA	NA	3342.77	Sampled
MW-6	02/14/19	3389.72	NA	47.64	NA	NA	NA	3342.08	Sampled
MW-6	05/10/19	3389.72	NA	47.73	NA	NA	NA	3341.99	Sampled
MW-6	08/27/19	3389.72	NA	47.51	NA	NA	NA	3342.21	Sampled
MW-6	11/19/19	3389.72	NA	47.29	NA	NA	NA	3342.43	Sampled

TABLE 1
2019 Well Survey Data and Groundwater Elevations
Plains Marketing, L.P.
DS Hugh Site
SRS #2000-10807
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
						PSH	H ₂ O		
MW-7	02/14/19	3389.28	NA	47.19	NA	NA	NA	3342.09	Sampled
MW-7	05/10/19	3389.28	NA	47.28	NA	NA	NA	3342.00	Sampled
MW-7	08/27/19	3389.28	NA	47.07	NA	NA	NA	3342.21	Sampled
MW-7	11/19/19	3389.28	NA	46.85	NA	NA	NA	3342.43	Sampled
RW-1	02/14/19	3389.34	nd	46.74	nd	NA	NA	3342.60	Sampled
RW-1	05/10/19	3389.34	nd	46.62	nd	NA	NA	3342.72	Sampled
RW-1	08/27/19	3389.34	sheen	46.56	sheen	NA	10.00	3342.78	Sampled
RW-1	11/19/19	3389.34	sheen	46.44	sheen	NA	10.00	3342.90	Sampled
RW-2	02/14/19	3389.06	46.50	46.51	0.01	NA	NA	3342.56	Sampled
RW-2	05/10/19	3389.06	nd	46.38	nd	NA	NA	3342.68	Sampled
RW-2	08/27/19	3389.06	sheen	46.31	sheen	NA	10.00	3342.75	Sampled
RW-2	11/19/19	3389.06	sheen	46.18	sheen	NA	10.00	3342.88	Sampled

NA: Not Applicable

NG: Not Gauged

^a Possible error in field data entry

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	12/21/05	3389.00	59.82	ND	46.22	ND	NA	NA	NA	3342.78	Sampled, Installed Sock
MW-1	12/29/05	3389.00	NG	ND	46.16	ND	NA	NA	NA	3342.84	New Sock
MW-1	01/05/06	3389.00	NG	ND	46.26	ND	NA	NA	NA	3342.74	Sock
MW-1	02/09/06	3389.00	NG	ND	45.05	ND	NA	NA	NA	3343.95	Sock
MW-1	02/22/06	3389.00	NG	ND	46.00	ND	NA	NA	NA	3343.00	Sock
MW-1	03/28/06	3389.00	NG	ND	45.94	ND	NA	NA	NA	3343.06	Sampled, Flipped Sock
MW-1	04/13/06	3389.00	NG	ND	45.98	ND	NA	NA	NA	3343.02	Sock
MW-1	04/25/06	3389.00	NG	ND	45.93	ND	NA	NA	NA	3343.07	Sock
MW-1	05/03/06	3389.00	NG	ND	45.88	ND	NA	NA	NA	3343.12	Sock
MW-1	05/11/06	3389.00	NG	ND	45.90	ND	NA	NA	NA	3343.10	Sock
MW-1	05/24/06	3389.00	NG	ND	45.91	ND	NA	NA	NA	3343.09	Sock
MW-1	06/07/06	3389.00	NG	ND	45.97	ND		0.00	5.00	3343.03	Sock
MW-1	06/07/06	3389.00	NG	ND	46.10	ND	NA	NA	NA	3342.90	Sock
MW-1	06/15/06	3389.00	NG	ND	45.92	ND	NA	NA	NA	3343.08	Sampled, Sock
MW-1	06/29/06	3389.00	NG	ND	46.05	ND		0.10	0.00	3342.95	Sock
MW-1	07/11/06	3389.00	NG	ND	46.06	ND		0.10	0.00	3342.94	Sock
MW-1	07/25/06	3389.00	NG	ND	46.11	ND		0.10	0.00	3342.89	Sock
MW-1	08/09/06	3389.00	59.35	ND	46.22	ND	NA	NA	NA	3342.78	Sock
MW-1	08/22/06	3389.00	NG	ND	46.30	ND	Hand Bailed	0.10	9.90	3342.70	
MW-1	08/22/06	3389.00	NG	ND	46.58	ND		NA	NA	3342.42	New Sock
MW-1	09/12/06	3389.00	59.55	46.27	46.57	0.30	NA	NA	NA	3342.69	Sampled, New
MW-1	09/19/06	3389.00	NG	46.36	46.50	0.14	Hand Bailed	0.10	9.90	3342.62	
MW-1	09/19/06	3389.00	NG	ND	46.73	ND	NA	NA	NA	3342.27	New Sock
MW-1	10/03/06	3389.00	NG	ND	46.32	ND	NA	NA	NA	3342.68	
MW-1	10/03/06	3389.00	NG	ND	46.48	ND		0.00	10.00	3342.52	Sock
MW-1	10/17/06	3389.00	NG	ND	46.34	ND	NA	NA	NA	3342.66	Removed Sock
MW-1	10/31/06	3389.00	NG	ND	45.93	ND	NA	NA	NA	3343.07	New Sock
MW-1	11/15/06	3389.00	NG	45.73	45.98	0.25	Hand Bailed	0.50	9.50	3343.23	
MW-1	11/15/06	3389.00	NG	ND	45.98	ND	NA	NA	NA	3343.02	New Sock
MW-1	12/06/06	3389.00	NG	44.55	44.80	0.25	NA	NA	NA	3344.41	New Sock
MW-1	12/13/06	3389.00	NG	44.51	44.86	0.35	Hand Bailed	0.50	4.50	3344.44	
MW-1	12/13/06	3389.00	NG	ND	45.22	ND	NA	NA	NA	3343.78	
MW-1	01/03/07	3389.00	NG	45.53	45.60	0.07		0.00	5.00	3343.46	New Sock
MW-1	01/09/07	3389.00	NG	ND	45.64	ND	Hand Bailed	0.25	9.50	3343.36	
MW-1	01/09/07	3389.00	NG	ND	46.18	ND	NA	NA	NA	3342.82	Sock
MW-1	01/18/07	3389.00	NG	45.50	45.75	0.25	Hand Bailed	0.25	8.50	3343.46	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/18/07	3389.00	NG	ND	45.72	ND	NA	NA	NA	3343.28	Removed Sock
MW-1	01/25/07	3389.00	NG	45.42	45.62	0.20	Hand Bailed	0.25	9.50	3343.55	
MW-1	01/25/07	3389.00	NG	45.63	45.65	0.02	NA	NA	NA	3343.37	
MW-1	01/31/07	3389.00	NG	45.35	45.50	0.15	Hand Bailed	0.10	9.90	3343.63	
MW-1	01/31/07	3389.00	NG	ND	45.70	ND	NA	NA	NA	3343.30	
MW-1	02/07/07	3389.00	NG	45.40	45.54	0.14	Hand Bailed	0.10	9.50	3343.58	
MW-1	02/07/07	3389.00	NG	ND	45.59	ND	NA	NA	NA	3343.41	Installed Sock
MW-1	02/14/07	3389.00	NG	ND	45.61	ND	Hand Bailed	0.10	9.90	3343.39	
MW-1	02/14/07	3389.00	NG	ND	45.61	ND	NA	NA	NA	3343.39	Flipped Sock
MW-1	02/21/07	3389.00	NG	ND	45.58	ND	Hand Bailed	0.10	9.90	3343.42	
MW-1	02/21/07	3389.00	NG	ND	45.60	ND	NA	NA	NA	3343.40	Sock
MW-1	03/07/07	3389.00	NG	45.41	45.56	0.15	Hand Bailed	0.25	10.00	3343.57	
MW-1	03/07/07	3389.00	NG	45.53	45.55	0.02	NA	NA	NA	3343.47	New Sock
MW-1	03/14/07	3389.00	NG	ND	45.40	ND	Hand Bailed	0.10	9.90	3343.60	
MW-1	03/14/07	3389.00	NG	ND	45.58	ND	NA	NA	NA	3343.42	New Sock
MW-1	03/21/07	3389.00	NG	ND	45.38	ND	Hand Bailed	0.10	9.90	3343.62	
MW-1	03/21/07	3389.00	NG	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	03/28/07	3389.00	NG	ND	45.38	ND	Hand Bailed	0.10	9.90	3343.62	
MW-1	03/28/07	3389.00	NG	ND	45.42	ND	NA	NA	NA	3343.58	Sock
MW-1	04/10/07	3389.00	NG	ND	45.46	ND	Hand Bailed	0.10	9.90	3343.54	
MW-1	04/10/07	3389.00	NG	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	04/18/07	3389.00	NG	ND	45.35	ND	Hand Bailed	0.10	9.90	3343.65	
MW-1	04/18/07	3389.00	NG	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	04/24/07	3389.00	NG	ND	45.38	ND	Hand Bailed	0.10	9.90	3343.62	
MW-1	04/24/07	3389.00	NG	ND	45.43	ND	NA	NA	NA	3343.57	Sock
MW-1	05/03/07	3389.00	NG	ND	45.30	ND	Hand Bailed	0.10	9.90	3343.70	
MW-1	05/03/07	3389.00	NG	ND	45.45	ND	NA	NA	NA	3343.55	Flipped Sock
MW-1	05/11/07	3389.00	NG	ND	45.40	ND	Hand Bailed	0.10	9.90	3343.60	
MW-1	05/11/07	3389.00	NG	ND	45.75	ND	NA	NA	NA	3343.25	Removed Sock
MW-1	05/16/07	3389.00	NG	45.36	45.37	0.01	Hand Bailed	0.10	9.90	3343.64	
MW-1	05/16/07	3389.00	NG	ND	45.71	ND	NA	NA	NA	3343.29	Installed Sock
MW-1	05/23/07	3389.00	NG	ND	45.32	ND	Hand Bailed	0.10	9.90	3343.68	
MW-1	05/23/07	3389.00	NG	ND	45.51	ND	NA	NA	NA	3343.49	Sock
MW-1	05/31/07	3389.00	59.00	ND	45.28	ND	NA	NA	NA	3343.72	New Sock
MW-1	06/06/07	3389.00	59.00	ND	45.25	ND	Hand Bailed	0.10	9.90	3343.75	
MW-1	06/06/07	3389.00	59.00	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	07/05/07	3389.00	58.50	ND	45.35	ND	Hand Bailed	0.10	9.90	3343.65	
MW-1	07/05/07	3389.00	58.50	ND	45.65	ND	NA	NA	NA	3343.35	New Sock

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	07/11/07	3389.00	58.50	ND	45.37	ND	Hand Bailed	0.10	9.90	3343.63	
MW-1	07/11/07	3389.00	58.50	ND	45.61	ND	NA	NA	NA	3343.39	Sock
MW-1	07/19/07	3389.00	58.50	ND	45.40	ND	Hand Bailed	0.10	9.90	3343.60	
MW-1	07/19/07	3389.00	58.50	ND	45.86	ND	NA	NA	NA	3343.14	Sock
MW-1	07/24/07	3389.00	58.50	ND	45.47	ND	Hand Bailed	0.10	9.90	3343.53	
MW-1	07/24/07	3389.00	58.50	ND	45.91	ND	NA	NA	NA	3343.09	Sock
MW-1	07/31/07	3389.00	58.51	ND	45.50	ND	Hand Bailed	0.10	9.90	3343.50	
MW-1	07/31/07	3389.00	58.51	ND	45.99	ND	NA	NA	NA	3343.01	Sock
MW-1	08/09/07	3389.00	58.51	ND	45.42	ND	Hand Bailed	0.10	9.90	3343.58	
MW-1	08/09/07	3389.00	58.51	ND	45.91	ND	NA	NA	NA	3343.09	New Sock
MW-1	08/16/07	3389.00	58.51	ND	45.41	ND	Hand Bailed	0.10	9.90	3343.59	
MW-1	08/16/07	3389.00	58.51	ND	45.86	ND	NA	NA	NA	3343.14	Sock
MW-1	08/22/07	3389.00	58.51	ND	45.31	ND	Hand Bailed	0.10	9.90	3343.69	
MW-1	08/22/07	3389.00	58.51	ND	45.75	ND	NA	NA	NA	3343.25	Sock
MW-1	08/28/07	3389.00	58.51	45.44	45.49	0.05	Hand Bailed	0.10	9.90	3343.55	
MW-1	08/28/07	3389.00	58.51	ND	45.75	ND	NA	NA	NA	3343.25	Sock
MW-1	09/07/07	3389.00	58.55	ND	45.54	ND	NA	NA	NA	3343.46	
MW-1	09/13/07	3389.00	58.55	ND	45.62	ND	Hand Bailed	0.10	9.90	3343.38	
MW-1	09/13/07	3389.00	58.55	ND	45.98	ND	NA	NA	NA	3343.02	Sock
MW-1	09/18/07	3389.00	58.55	ND	45.50	ND	Hand Bailed	0.10	9.90	3343.50	
MW-1	09/18/07	3389.00	58.55	ND	45.72	ND	NA	NA	NA	3343.28	Sock
MW-1	09/26/07	3389.00	58.55	ND	45.51	ND	Hand Bailed	0.10	9.90	3343.49	
MW-1	09/26/07	3389.00	58.55	ND	45.76	ND	NA	NA	NA	3343.24	Sock
MW-1	10/04/07	3389.00	58.55	ND	46.00	ND	Hand Bailed	0.10	8.90	3343.00	
MW-1	10/04/07	3389.00	58.55	ND	46.33	ND	NA	NA	NA	3342.67	Sock
MW-1	10/10/07	3389.00	58.55	ND	46.14	ND	Hand Bailed	0.10	8.90	3342.86	
MW-1	10/10/07	3389.00	58.55	ND	46.44	ND	NA	NA	NA	3342.56	Sock
MW-1	10/17/07	3389.00	58.55	ND	46.15	ND	Hand Bailed	0.10	8.90	3342.85	
MW-1	10/17/07	3389.00	58.55	ND	46.32	ND	NA	NA	NA	3342.68	Sock
MW-1	10/24/07	3389.00	58.55	47.35	47.68	0.33	Hand Bailed	0.10	39.90	3341.60	
MW-1	10/24/07	3389.00	58.55	46.65	46.80	0.15	NA	NA	NA	3342.33	New Sock
MW-1	10/31/07	3389.00	58.55	45.52	45.98	0.46	Hand Bailed	0.50	10.00	3343.41	
MW-1	10/31/07	3389.00	58.55	ND	46.23	ND	NA	NA	NA	3342.77	New Sock
MW-1	11/07/07	3389.00	58.55	45.63	46.02	0.39	Hand Bailed	0.50	9.00	3343.31	
MW-1	11/07/07	3389.00	58.55	46.10	46.14	0.04	NA	NA	NA	3342.89	Sock
MW-1	11/13/07	3389.00	58.55	45.50	45.96	0.46	NA	NA	NA	3343.43	Sock
MW-1	11/20/07	3389.00	58.55	45.50	45.96	0.46	NA	NA	NA	3343.43	Sock
MW-1	11/20/07	3389.00	58.55	46.17	46.18	0.01	NA	NA	NA	3342.83	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
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D.S. HUGH SITE
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	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/27/07	3389.00	58.55	45.90	45.98	0.08	Hand Bailed	0.10	9.00	3343.09	
MW-1	11/27/07	3389.00	58.55	ND	46.10	ND	NA	NA	NA	3342.90	Sock
MW-1	12/05/07	3389.00	58.55	45.50	45.60	0.10	Hand Bailed	0.10	9.00	3343.49	
MW-1	12/05/07	3389.00	58.55	ND	46.15	ND	NA	NA	NA	3342.85	New Sock
MW-1	12/12/07	3389.00	58.55	ND	45.58	ND	Hand Bailed	0.10	8.90	3343.42	
MW-1	12/12/07	3389.00	58.55	ND	46.00	ND	NA	NA	NA	3343.00	Sock
MW-1	12/18/07	3389.00	58.55	45.50	45.63	0.13	Hand Bailed	0.20	9.00	3343.48	
MW-1	12/18/07	3389.00	58.55	ND	46.22	ND	NA	NA	NA	3342.78	New Sock
MW-1	12/28/07	3389.00	58.55	ND	45.62	ND	Hand Bailed	0.10	8.90	3343.38	
MW-1	12/28/07	3389.00	58.55	ND	45.98	ND	NA	NA	NA	3343.02	New Sock
MW-1	01/09/08	3389.00	58.55	45.55	45.70	0.15	NA	NA	NA	3343.43	New Sock
MW-1	01/17/08	3389.00	58.55	45.42	45.92	0.50	Hand Bailed	0.50	19.50	3343.51	
MW-1	01/17/08	3389.00	58.55	ND	45.60	ND	NA	NA	NA	3343.40	New Sock
MW-1	01/23/08	3389.00	58.55	45.50	45.65	0.15	Hand Bailed	0.25	9.00	3343.48	
MW-1	01/23/08	3389.00	58.55	ND	45.75	ND	NA	NA	NA	3343.25	New Sock
MW-1	01/30/08	3389.00	58.55	45.53	45.55	0.02	Hand Bailed	0.10	19.90	3343.47	
MW-1	01/30/08	3389.00	58.55	ND	46.46	ND	NA	NA	NA	3342.54	Sock
MW-1	02/06/08	3389.00	58.55	ND	45.60	ND	Hand Bailed	0.10	19.90	3343.40	
MW-1	02/06/08	3389.00	58.55	ND	46.25	ND	NA	NA	NA	3342.75	Sock
MW-1	02/13/08	3389.00	58.55	45.46	45.55	0.09	Hand Bailed	0.10	19.90	3343.53	
MW-1	02/13/08	3389.00	58.55	ND	46.21	ND	NA	NA	NA	3342.79	New Sock
MW-1	02/19/08	3389.00	58.55	45.50	45.53	0.03	Hand Bailed	0.10	19.90	3343.50	
MW-1	02/19/08	3389.00	58.55	ND	46.43	ND	NA	NA	NA	3342.57	Flipped Sock
MW-1	02/27/08	3389.00	58.55	45.49	45.59	0.10	Hand Bailed	0.10	19.90	3343.50	
MW-1	02/27/08	3389.00	58.55	ND	46.15	ND	NA	NA	NA	3342.85	New Sock
MW-1	03/04/08	3389.00	58.55	ND	45.50	ND	Pumped	0.10	19.90	3343.50	
MW-1	03/04/08	3389.00	58.55	ND	46.70	ND	NA	NA	NA	3342.30	New Sock
MW-1	03/12/08	3389.00	58.55	45.45	45.48	0.03	Pumped	0.10	19.90	3343.55	
MW-1	03/12/08	3389.00	58.55	ND	46.70	ND	NA	NA	NA	3342.30	New Sock
MW-1	03/19/08	3389.00	58.55	45.49	45.50	0.01	Pumped	0.10	19.90	3343.51	
MW-1	03/19/08	3389.00	58.55	ND	46.67	ND	NA	NA	NA	3342.33	New Sock
MW-1	03/26/08	3389.00	58.55	45.49	45.50	0.01	Pumped	0.10	19.90	3343.51	
MW-1	03/26/08	3389.00	58.55	ND	46.42	ND	NA	NA	NA	3342.58	Flipped Sock
MW-1	04/02/08	3389.00	58.55	45.45	45.46	0.01	Hand Bailed	0.10	19.90	3343.55	
MW-1	04/02/08	3389.00	58.55	ND	46.32	ND	NA	NA	NA	3342.68	Sock
MW-1	04/09/08	3389.00	58.55	ND	45.48	ND	Pumped	0.10	19.90	3343.52	
MW-1	04/09/08	3389.00	58.55	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	04/16/08	3389.00	58.55	ND	45.41	ND	Pumped	0.10	19.90	3343.59	

TABLE 2
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								PSH	H ₂ O		
MW-1	04/16/08	3389.00	58.55	ND	45.66	ND	NA	NA	NA	3343.34	Sock
MW-1	04/24/08	3389.00	58.55	ND	45.34	ND	Pumped	0.10	19.90	3343.66	
MW-1	04/24/08	3389.00	58.55	ND	46.00	ND	NA	NA	NA	3343.00	New Sock
MW-1	04/30/08	3389.00	58.55	ND	45.38	ND	Pumped	0.10	19.90	3343.62	
MW-1	04/30/08	3389.00	58.55	ND	45.96	ND	NA	NA	NA	3343.04	Flipped Sock
MW-1	05/07/08	3389.00	58.55	ND	45.43	ND	Pumped	0.10	19.90	3343.57	
MW-1	05/07/08	3389.00	58.55	ND	45.86	ND	NA	NA	NA	3343.14	Sock
MW-1	05/14/08	3389.00	58.55	45.46	45.48	0.02	Pumped	0.10	19.90	3343.54	
MW-1	05/14/08	3389.00	58.55	ND	46.00	ND	NA	NA	NA	3343.00	Sock
MW-1	05/22/08	3389.00	58.55	ND	45.42	ND	Pumped	0.10	25.90	3343.58	
MW-1	05/22/08	3389.00	58.55	ND	47.10	ND	NA	NA	NA	3341.90	Sampled, New
MW-1	05/29/08	3389.00	58.55	ND	45.41	ND	Pumped	0.10	19.90	3343.59	
MW-1	05/29/08	3389.00	58.55	ND	45.96	ND	NA	NA	NA	3343.04	Sock
MW-1	06/04/08	3389.00	58.55	ND	45.43	ND	Pumped	0.10	19.90	3343.57	
MW-1	06/04/08	3389.00	58.55	ND	46.02	ND	NA	NA	NA	3342.98	Sock
MW-1	06/11/08	3389.00	58.55	ND	45.48	ND	Pumped	0.10	19.90	3343.52	
MW-1	06/11/08	3389.00	58.55	ND	45.99	ND	NA	NA	NA	3343.01	Sock
MW-1	06/18/08	3389.00	58.55	ND	45.52	ND	Pumped	0.10	19.90	3343.48	
MW-1	06/18/08	3389.00	58.55	ND	46.08	ND	NA	NA	NA	3342.92	Sock
MW-1	06/26/08	3389.00	58.55	ND	46.12	ND	Hand Bailed	0.00	10.00	3342.88	
MW-1	06/26/08	3389.00	58.55	ND	47.12	ND	NA	NA	NA	3341.88	Sock
MW-1	07/07/08	3389.00	58.55	ND	46.00	ND	Pumped	0.10	19.90	3343.00	
MW-1	07/07/08	3389.00	58.55	ND	46.12	ND	NA	NA	NA	3342.88	New Sock
MW-1	07/16/08	3389.00	58.55	45.51	45.56	0.05	Pumped	0.10	19.90	3343.48	
MW-1	07/16/08	3389.00	58.55	ND	46.21	ND	NA	NA	NA	3342.79	Sock
MW-1	07/21/08	3389.00	58.55	45.36	45.60	0.24	Pumped	0.10	19.90	3343.60	
MW-1	07/21/08	3389.00	58.55	ND	46.18	ND	NA	NA	NA	3342.82	Sock
MW-1	07/29/08	3389.00	58.55	45.59	45.63	0.04	Pumped	0.10	19.90	3343.40	
MW-1	07/29/08	3389.00	58.55	ND	46.28	ND	NA	NA	NA	3342.72	Sock
MW-1	08/06/08	3389.00	58.55	45.50	45.66	0.16	NA	NA	NA	3343.48	New Sock
MW-1	08/13/08	3389.00	58.55	45.53	45.60	0.07	Pumped	0.10	19.90	3343.46	
MW-1	08/13/08	3389.00	58.55	ND	46.36	ND	NA	NA	NA	3342.64	Sock
MW-1	08/20/08	3389.00	58.55	45.50	45.88	0.38	NA	NA	NA	3343.44	Sock
MW-1	08/27/08	3389.00	58.55	45.58	45.99	0.41	Pumped	0.00	20.00	3343.36	
MW-1	08/27/08	3389.00	58.55	ND	46.32	ND	NA	NA	NA	3342.68	Sock
MW-1	09/02/08	3389.00	58.55	45.68	45.79	0.11	Pumped	0.00	20.00	3343.30	
MW-1	09/02/08	3389.00	58.55	ND	46.21	ND	NA	NA	NA	3342.79	Sock
MW-1	09/09/08	3389.00	58.55	45.73	45.85	0.12	Pumped	0.00	20.00	3343.25	

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D.S. HUGH SITE
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								PSH	H ₂ O		
MW-1	09/09/08	3389.00	58.55	ND	46.42	ND	NA	NA	NA	3342.58	Sock
MW-1	09/17/08	3389.00	58.55	45.73	46.18	0.45	Pumped	0.50	19.50	3343.20	
MW-1	09/17/08	3389.00	58.55	ND	46.45	ND	NA	NA	NA	3342.55	Sock
MW-1	09/24/08	3389.00	58.55	45.73	46.50	0.77	Pumped	0.50	19.50	3343.15	
MW-1	09/24/08	3389.00	58.55	ND	46.50	ND	NA	NA	NA	3342.50	Sock
MW-1	10/01/08	3389.00	58.55	45.80	46.67	0.87	Pumped	1.00	19.00	3343.07	
MW-1	10/01/08	3389.00	58.55	ND	46.50	ND	NA	NA	NA	3342.50	Sock
MW-1	10/08/08	3389.00	58.55	45.60	46.52	0.92	Pumped	1.00	19.00	3343.26	
MW-1	10/08/08	3389.00	58.55	ND	46.85	ND	NA	NA	NA	3342.15	Sock
MW-1	11/05/08	3389.00	58.55	45.80	45.93	0.13	Pumped	0.50	19.50	3343.18	
MW-1	11/05/08	3389.00	58.55	ND	46.21	ND	NA	NA	NA	3342.79	Sock
MW-1	11/12/08	3389.00	58.55	45.73	45.97	0.24	Pumped	0.50	9.50	3343.23	
MW-1	11/12/08	3389.00	58.55	45.76	45.81	0.05	NA	NA	NA	3343.23	Sock
MW-1	11/19/08	3389.00	58.55	45.70	46.25	0.55	NA	NA	NA	3343.22	Sock
MW-1	11/26/08	3389.00	58.55	45.79	45.89	0.10	Pumped	0.25	13.75	3343.20	
MW-1	11/26/08	3389.00	58.55	45.79	45.84	0.05	NA	NA	NA	3343.20	Sock
MW-1	12/03/08	3389.00	58.55	45.85	45.95	0.10	Pumped	0.25	11.75	3343.14	
MW-1	12/03/08	3389.00	58.55	ND	45.87	ND	NA	NA	NA	3343.13	Sock
MW-1	12/10/08	3389.00	58.55	ND	45.88	ND	NA	NA	NA	3343.12	Sock
MW-1	12/17/08	3389.00	58.55	ND	45.84	ND	NA	NA	NA	3343.16	Sock
MW-1	12/17/08	3389.00	58.55	ND	45.92	ND		0.00	10.00	3343.08	Sock
MW-1	12/21/08	3389.00	58.55	45.86	46.03	0.17		0.50	29.50	3343.11	Sock
MW-1	12/21/08	3389.00	58.55	ND	45.65	ND	NA	NA	NA	3343.35	Sock
MW-1	12/31/08	3389.00	58.55	45.87	45.97	0.10		0.25	9.75	3343.12	Sock
MW-1	12/31/08	3389.00	58.55	ND	45.89	ND	NA	NA	NA	3343.11	Sock
MW-1	01/07/09	3389.00	58.68	45.80	45.82	0.02		0.25	9.75	3343.20	Sock
MW-1	01/07/09	3389.00	58.68	45.78	45.79	0.01	NA	NA	NA	3343.22	Sock
MW-1	01/15/09	3389.00	58.68	45.79	45.89	0.10	Hand Bailed	0.50	9.50	3343.20	
MW-1	01/15/09	3389.00	58.68	45.83	45.84	0.01	NA	NA	NA	3343.17	
MW-1	01/22/09	3389.00	58.68	45.67	46.03	0.36	Hand Bailed	1.00	13.00	3343.28	
MW-1	01/22/09	3389.00	58.68	ND	45.74	ND	NA	NA	NA	3343.26	Installed Sock
MW-1	01/28/09	3389.00	58.68	45.67	45.81	0.14	Pumped	0.50	14.50	3343.31	
MW-1	01/28/09	3389.00	58.68	ND	45.70	ND	NA	NA	NA	3343.30	
MW-1	02/04/09	3389.00	58.77	45.69	45.74	0.05	Pumped	0.25	19.75	3343.30	
MW-1	02/04/09	3389.00	58.77	ND	45.69	ND	NA	NA	NA	3343.31	
MW-1	02/11/09	3389.00	58.77	45.63	45.67	0.04	Pumped	0.25	21.75	3343.36	
MW-1	02/11/09	3389.00	58.77	ND	46.58	ND	NA	NA	NA	3342.42	
MW-1	02/17/09	3389.00	58.77	ND	45.59	ND	NA	NA	NA	3343.41	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	02/25/09	3389.00	58.77	45.57	45.60	0.03	Pumped	0.10	19.75	3343.43	
MW-1	02/25/09	3389.00	58.77	ND	45.67	ND	NA	NA	NA	3343.33	
MW-1	03/04/09	3389.00	58.77	45.58	45.60	0.02	Pumped	0.10	9.90	3343.42	
MW-1	03/04/09	3389.00	58.77	ND	45.61	ND	NA	NA	NA	3343.39	
MW-1	03/11/09	3389.00	58.77	ND	45.67	ND	Pumped	0.00	10.00	3343.33	
MW-1	03/11/09	3389.00	58.77	ND	45.73	ND	NA	NA	NA	3343.27	
MW-1	03/18/09	3389.00	58.77	ND	45.63	ND	Pumped	0.00	10.00	3343.37	
MW-1	03/18/09	3389.00	58.77	ND	45.89	ND	NA	NA	NA	3343.11	
MW-1	03/25/09	3389.00	58.77	45.69	45.73	0.04	Pumped	0.25	14.75	3343.30	
MW-1	03/25/09	3389.00	58.77	ND	46.37	ND	NA	NA	NA	3342.63	
MW-1	04/01/09	3389.00	58.77	45.60	45.95	0.35	Pumped	0.25	9.75	3343.35	
MW-1	04/01/09	3389.00	58.77	ND	45.67	ND	NA	NA	NA	3343.33	
MW-1	04/08/09	3389.00	58.77	45.65	45.75	0.10	Pumped	0.10	16.90	3343.34	
MW-1	04/08/09	3389.00	58.77	ND	45.72	ND	NA	NA	NA	3343.28	
MW-1	04/15/09	3389.00	58.77	45.69	45.71	0.02	Pumped	0.00	15.00	3343.31	
MW-1	04/15/09	3389.00	58.77	ND	45.88	ND	NA	NA	NA	3343.12	
MW-1	04/22/09	3389.00	58.77	ND	45.72	ND	Pumped	0.00	15.00	3343.28	
MW-1	04/22/09	3389.00	58.77	ND	45.72	ND	NA	NA	NA	3343.28	
MW-1	04/29/09	3389.00	58.77	45.78	45.82	0.04	Pumped	0.10	14.90	3343.21	
MW-1	04/29/09	3389.00	58.77	ND	46.44	ND	NA	NA	NA	3342.56	
MW-1	05/06/09	3389.00	58.77	45.82	46.02	0.20	Pumped	0.50	15.00	3343.15	
MW-1	05/06/09	3389.00	58.77	ND	46.39	ND	NA	NA	NA	3342.61	
MW-1	05/14/09	3389.00	58.77	45.84	45.92	0.08	Pumped	0.10	19.90	3343.15	
MW-1	05/14/09	3389.00	58.77	ND	46.48	ND	NA	NA	NA	3342.52	
MW-1	05/19/09	3389.00	58.77	45.88	45.90	0.02	Pumped	0.10	29.90	3343.12	Sampled
MW-1	05/28/09	3389.00	58.77	ND	45.79	ND	Pumped	0.00	15.00	3343.21	
MW-1	05/28/09	3389.00	58.77	ND	46.13	ND	NA	NA	NA	3342.87	
MW-1	06/03/09	3389.00	58.77	45.88	45.93	0.05	Pumped	0.10	14.90	3343.11	
MW-1	06/03/09	3389.00	58.77	ND	45.92	ND	NA	NA	NA	3343.08	
MW-1	06/11/09	3389.00	58.77	ND	45.93	ND	Pumped	0.00	10.00	3343.07	
MW-1	06/11/09	3389.00	58.77	ND	46.15	ND	NA	NA	NA	3342.85	
MW-1	06/17/09	3389.00	58.77	46.00	46.05	0.05	Pumped	0.00	15.00	3342.99	
MW-1	06/17/09	3389.00	58.77	ND	46.62	ND	NA	NA	NA	3342.38	
MW-1	06/23/09	3389.00	58.77	ND	45.96	ND	Pumped	0.00	20.00	3343.04	New Sock
MW-1	06/23/09	3389.00	58.77	ND	46.85	ND	NA	NA	NA	3342.15	
MW-1	07/01/09	3389.00	58.77	45.91	46.21	0.30	Pumped	0.25	19.75	3343.05	
MW-1	07/01/09	3389.00	58.77	ND	46.80	ND	NA	NA	NA	3342.20	
MW-1	07/07/09	3389.00	58.77	45.91	45.93	0.02	Pumped	0.25	14.75	3343.09	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	07/07/09	3389.00	58.77	ND	46.58	ND	NA	NA	NA	3342.42	
MW-1	07/15/09	3389.00	58.77	ND	45.88	ND	Pumped	0.00	20.00	3343.12	
MW-1	07/15/09	3389.00	58.77	ND	46.71	ND	NA	NA	NA	3342.29	
MW-1	07/29/09	3389.00	58.77	45.88	45.92	0.04	Pumped	0.25	19.75	3343.11	
MW-1	07/29/09	3389.00	58.77	ND	46.82	ND	NA	NA	NA	3342.18	
MW-1	08/05/09	3389.00	58.77	45.01	45.12	0.11	Pumped	0.25	19.75	3343.97	
MW-1	08/05/09	3389.00	58.77	ND	46.93	ND	NA	NA	NA	3342.07	New Sock
MW-1	08/12/09	3389.00	58.77	ND	45.75	ND	Pumped	0.00	20.00	3343.25	
MW-1	08/12/09	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	Flipped Sock
MW-1	08/19/09	3389.00	58.77	45.74	45.80	0.06		0.10	19.90	3343.25	
MW-1	08/19/09	3389.00	58.77	ND	45.87	ND	NA	NA	NA	3343.13	
MW-1	08/26/09	3389.00	58.77	ND	45.65	ND	NA	NA	NA	3343.35	
MW-1	09/02/09	3389.00	58.77	45.81	45.95	0.14		0.25	19.75	3343.17	New sock
MW-1	09/02/09	3389.00	58.77	ND	45.91	ND	NA	NA	NA	3343.09	
MW-1	09/09/09	3389.00	58.77	45.80	45.85	0.05		0.25	19.75	3343.19	Flipped Sock
MW-1	09/09/09	3389.00	58.77	ND	45.98	ND	NA	NA	NA	3343.02	
MW-1	09/16/09	3389.00	58.77	ND	45.88	ND	Pumped	0.00	20.00	3343.12	
MW-1	09/16/09	3389.00	58.77	ND	46.63	ND	NA	NA	NA	3342.37	
MW-1	09/23/09	3389.00	58.77	ND	45.83	ND	Pumped	0.00	20.00	3343.17	Flipped Sock
MW-1	09/23/09	3389.00	58.77	ND	46.52	ND	NA	NA	NA	3342.48	
MW-1	09/30/09	3389.00	58.77	45.87	45.90	0.03	Pumped	0.00	10.00	3343.13	New Sock
MW-1	09/30/09	3389.00	58.77	ND	46.51	ND	NA	NA	NA	3342.49	
MW-1	09/30/09	3389.00	58.77	45.80	45.81	0.01		0.00	10.00	3343.20	
MW-1	09/30/09	3389.00	58.77	ND	46.73	ND	NA	NA	NA	3342.27	
MW-1	10/07/09	3389.00	58.77	ND	45.90	ND	Pumped	0.00	10.00	3343.10	Flipped Sock
MW-1	10/07/09	3389.00	58.77	ND	46.71	ND	NA	NA	NA	3342.29	
MW-1	10/07/09	3389.00	58.77	ND	45.87	ND		0.00	10.00	3343.13	
MW-1	10/07/09	3389.00	58.77	ND	46.76	ND	NA	NA	NA	3342.24	
MW-1	10/14/09	3389.00	58.77	45.80	45.82	0.02	Pumped	0.10	9.90	3343.20	New Sock
MW-1	10/14/09	3389.00	58.77	ND	46.23	ND	NA	NA	NA	3342.77	
MW-1	10/14/09	3389.00	58.77	45.75	45.76	0.01		0.10	9.90	3343.25	
MW-1	10/14/09	3389.00	58.77	ND	46.60	ND	NA	NA	NA	3342.40	
MW-1	10/21/09	3389.00	58.77	45.75	45.80	0.05		0.25	9.75	3343.24	
MW-1	10/21/09	3389.00	58.77	ND	46.35	ND	NA	NA	NA	3342.65	
MW-1	10/29/09	3389.00	58.77	45.73	46.03	0.30		0.25	45.00	3343.23	
MW-1	10/29/09	3389.00	58.77	ND	46.20	ND	NA	NA	NA	3342.80	
MW-1	11/04/09	3389.00	58.77	45.74	45.99	0.25		0.25	20.00	3343.22	
MW-1	11/04/09	3389.00	58.77	ND	46.06	ND	NA	NA	NA	3342.94	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/04/09	3389.00	58.77	45.78	45.81	0.03		0.10	19.90	3343.22	
MW-1	11/04/09	3389.00	58.77	ND	46.10	ND	NA	NA	NA	3342.90	
MW-1	11/11/09	3389.00	58.77	45.72	46.04	0.32		0.25	19.75	3343.23	
MW-1	11/11/09	3389.00	58.77	ND	46.85	ND	NA	NA	NA	3342.15	
MW-1	11/11/09	3389.00	58.77	45.76	45.77	0.01		0.10	19.90	3343.24	
MW-1	11/11/09	3389.00	58.77	ND	46.34	ND	NA	NA	NA	3342.66	
MW-1	11/18/09	3389.00	58.77	45.68	45.99	0.31		0.25	19.75	3343.27	
MW-1	11/18/09	3389.00	58.77	ND	46.38	ND	NA	NA	NA	3342.62	
MW-1	11/25/09	3389.00	58.77	45.70	46.05	0.35		0.25	29.75	3343.25	
MW-1	11/25/09	3389.00	58.77	ND	46.33	ND	NA	NA	NA	3342.67	
MW-1	12/02/09	3389.00	58.77	45.68	46.03	0.35		0.25	34.75	3343.27	
MW-1	12/02/09	3389.00	58.77	ND	46.52	ND	NA	NA	NA	3342.48	
MW-1	12/09/09	3389.00	58.77	45.70	46.05	0.35		0.50	20.00	3343.25	
MW-1	12/09/09	3389.00	58.77	ND	46.49	ND	NA	NA	NA	3342.51	
MW-1	12/09/09	3389.00	58.77	45.77	45.79	0.02		0.10	29.90	3343.23	
MW-1	12/09/09	3389.00	58.77	ND	46.77	ND	NA	NA	NA	3342.23	
MW-1	12/16/09	3389.00	58.77	45.79	46.14	0.35		0.10	24.90	3343.16	
MW-1	12/16/09	3389.00	58.77	ND	46.52	ND	NA	NA	NA	3342.48	
MW-1	12/16/09	3389.00	58.77	45.80	45.81	0.01		0.10	24.90	3343.20	
MW-1	12/16/09	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	
MW-1	12/23/09	3389.00	58.77	45.74	46.10	0.36		0.25	24.75	3343.21	
MW-1	12/23/09	3389.00	58.77	ND	46.29	ND	NA	NA	NA	3342.71	
MW-1	12/23/09	3389.00	58.77	45.76	45.77	0.01		0.10	24.90	3343.24	
MW-1	12/23/09	3389.00	58.77	ND	46.62	ND	NA	NA	NA	3342.38	
MW-1	12/30/09	3389.00	58.77	45.76	46.21	0.45		0.10	29.90	3343.17	
MW-1	12/30/09	3389.00	58.77	ND	46.43	ND	NA	NA	NA	3342.57	
MW-1	12/30/09	3389.00	58.77	45.76	46.02	0.26		0.10	19.90	3343.20	
MW-1	12/30/09	3389.00	58.77	ND	46.68	ND	NA	NA	NA	3342.32	
MW-1	01/06/10	3389.00	58.77	45.80	46.20	0.40		0.25	49.75	3343.14	
MW-1	01/06/10	3389.00	58.77	ND	46.84	ND	NA	NA	NA	3342.16	
MW-1	01/13/10	3389.00	58.77	45.91	46.21	0.30		0.10	49.90	3343.05	
MW-1	01/13/10	3389.00	58.77	ND	46.82	ND	NA	NA	NA	3342.18	
MW-1	01/20/10	3389.00	58.77	45.95	46.20	0.25		0.25	49.75	3343.01	
MW-1	01/20/10	3389.00	58.77	ND	46.52	ND	NA	NA	NA	3342.48	
MW-1	01/27/10	3389.00	58.77	46.04	46.22	0.18		0.10	49.90	3342.93	
MW-1	01/27/10	3389.00	58.77	ND	46.84	ND	NA	NA	NA	3342.16	
MW-1	02/09/10	3389.00	58.77	46.18	46.25	0.07		0.10	49.90	3342.81	
MW-1	02/09/10	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	02/17/10	3389.00	58.77	46.16	46.20	0.04		0.10	49.90	3342.83	
MW-1	02/17/10	3389.00	58.77	ND	47.29	ND	NA	NA	NA	3341.71	
MW-1	03/02/10	3389.00	58.77	46.08	46.09	0.01		0.10	49.90	3342.92	
MW-1	03/02/10	3389.00	58.77	ND	46.74	ND	NA	NA	NA	3342.26	
MW-1	03/10/10	3389.00	58.77	46.17	46.19	0.02		0.10	39.90	3342.83	
MW-1	03/10/10	3389.00	58.77	ND	46.57	ND	NA	NA	NA	3342.43	
MW-1	03/17/10	3389.00	58.77	46.11	46.17	0.06		0.10	39.90	3342.88	
MW-1	03/17/10	3389.00	58.77	ND	46.69	ND	NA	NA	NA	3342.31	
MW-1	03/24/10	3389.00	58.77	46.10	46.22	0.12		0.10	39.90	3342.88	
MW-1	03/24/10	3389.00	58.77	ND	46.72	ND	NA	NA	NA	3342.28	
MW-1	03/31/10	3389.00	58.77	46.11	46.22	0.11		0.10	39.90	3342.87	
MW-1	03/31/10	3389.00	58.77	ND	46.54	ND	NA	NA	NA	3342.46	
MW-1	04/07/10	3389.00	58.77	46.15	46.25	0.10		0.10	39.90	3342.84	
MW-1	04/07/10	3389.00	58.77	ND	47.15	ND	NA	NA	NA	3341.85	
MW-1	04/14/10	3389.00	58.77	46.15	46.32	0.17		0.10	39.90	3342.82	
MW-1	04/14/10	3389.00	58.77	ND	47.20	ND	NA	NA	NA	3341.80	
MW-1	04/21/10	3389.00	58.77	46.12	46.26	0.14		0.10	39.90	3342.86	
MW-1	04/21/10	3389.00	58.77	ND	46.26	ND	NA	NA	NA	3342.74	
MW-1	04/28/10	3389.00	58.77	46.15	46.32	0.17		0.10	39.90	3342.82	
MW-1	04/28/10	3389.00	58.77	ND	46.51	ND	NA	NA	NA	3342.49	
MW-1	05/05/10	3389.00	58.77	46.20	46.37	0.17		0.10	9.90	3342.77	
MW-1	05/05/10	3389.00	58.77	ND	46.34	ND	NA	NA	NA	3342.66	
MW-1	05/12/10	3389.00	58.77	46.16	46.40	0.24	NA	NA	NA	3342.80	Sampled
MW-1	05/19/10	3389.00	58.77	46.20	46.39	0.19		0.10	24.90	3342.77	
MW-1	05/19/10	3389.00	58.77	ND	46.85	ND	NA	NA	NA	3342.15	
MW-1	05/29/10	3389.00	58.77	46.05	46.30	0.25		0.10	29.90	3342.91	
MW-1	05/29/10	3389.00	58.77	ND	46.43	ND	NA	NA	NA	3342.57	
MW-1	06/02/10	3389.00	58.77	46.00	46.19	0.19		0.10	19.90	3342.97	
MW-1	06/02/10	3389.00	58.77	ND	46.53	ND	NA	NA	NA	3342.47	
MW-1	06/12/10	3389.00	58.77	45.91	46.31	0.40		0.10	29.90	3343.03	
MW-1	06/12/10	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	
MW-1	06/15/10	3389.00	58.77	45.88	46.10	0.22		0.25	39.75	3343.09	
MW-1	06/15/10	3389.00	58.77	ND	46.78	ND	NA	NA	NA	3342.22	
MW-1	06/25/10	3389.00	58.77	45.84	46.87	1.03		1.00	29.00	3343.01	
MW-1	06/25/10	3389.00	58.77	ND	46.81	ND	NA	NA	NA	3342.19	
MW-1	06/30/10	3389.00	58.77	45.85	46.22	0.37	NA	NA	NA	3343.09	
MW-1	07/07/10	3389.00	58.77	ND	45.78	ND		<0.25	20.00	3343.22	
MW-1	07/07/10	3389.00	58.77	ND	46.37	ND	NA	NA	NA	3342.63	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	07/14/10	3389.00	58.77	45.77	46.14	0.37		0.10	14.90	3343.17	
MW-1	07/14/10	3389.00	58.77	ND	46.61	ND	NA	NA	NA	3342.39	
MW-1	07/20/10	3389.00	58.77	45.88	46.36	0.48		<0.25	30.00	3343.05	
MW-1	07/20/10	3389.00	58.77	ND	47.08	ND	NA	NA	NA	3341.92	
MW-1	07/28/10	3389.00	58.77	45.97	46.44	0.47		<0.25	20.00	3342.96	
MW-1	07/28/10	3389.00	58.77	ND	46.65	ND	NA	NA	NA	3342.35	
MW-1	08/03/10	3389.00	58.77	46.02	46.30	0.28		<0.25	30.00	3342.94	
MW-1	08/03/10	3389.00	58.77	ND	46.53	ND	NA	NA	NA	3342.47	
MW-1	08/11/10	3389.00	58.77	46.09	46.30	0.21		<0.25	3.00	3342.88	
MW-1	08/17/10	3389.00	58.77	46.14	46.27	0.13		<0.25	30.00	3342.84	
MW-1	08/17/10	3389.00	58.77	ND	47.34	ND	NA	NA	NA	3341.66	
MW-1	08/25/10	3389.00	58.77	46.06	46.25	0.19		<0.25	30.00	3342.91	
MW-1	08/25/10	3389.00	58.77	ND	46.74	ND	NA	NA	NA	3342.26	
MW-1	09/01/10	3389.00	58.77	45.92	46.28	0.36		0.20	29.80	3343.03	
MW-1	09/01/10	3389.00	58.77	ND	47.10	ND	NA	NA	NA	3341.90	
MW-1	09/08/10	3389.00	58.77	46.09	46.39	0.30		0.20	29.80	3342.87	
MW-1	09/08/10	3389.00	58.77	ND	46.77	ND	NA	NA	NA	3342.23	
MW-1	09/15/10	3389.00	58.77	46.15	46.23	0.08		0.20	19.80	3342.84	
MW-1	09/15/10	3389.00	58.77	ND	46.76	ND	NA	NA	NA	3342.24	
MW-1	09/21/10	3389.00	58.77	46.09	46.33	0.24		0.20	19.80	3342.87	
MW-1	09/21/10	3389.00	58.77	ND	46.84	ND	NA	NA	NA	3342.16	
MW-1	10/01/10	3389.00	58.77	46.02	46.41	0.39		0.20	19.80	3342.92	
MW-1	10/01/10	3389.00	58.77	ND	46.79	ND	NA	NA	NA	3342.21	
MW-1	10/06/10	3389.00	58.77	45.99	46.21	0.22		0.20	19.80	3342.98	
MW-1	10/06/10	3389.00	58.77	ND	46.70	ND	NA	NA	NA	3342.30	
MW-1	10/13/10	3389.00	58.77	45.94	46.33	0.39		0.20	19.80	3343.00	
MW-1	10/13/10	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	
MW-1	10/22/10	3389.00	58.77	46.02	46.46	0.44		0.20	19.80	3342.91	
MW-1	10/22/10	3389.00	58.77	ND	47.04	ND	NA	NA	NA	3341.96	
MW-1	10/27/10	3389.00	58.77	46.06	46.18	0.12		0.20	39.80	3342.92	
MW-1	10/27/10	3389.00	58.77	ND	46.27	ND	NA	NA	NA	3342.73	
MW-1	11/03/10	3389.00	58.77	46.14	46.32	0.18		0.20	29.80	3342.83	
MW-1	11/03/10	3389.00	58.77	ND	46.76	ND	NA	NA	NA	3342.24	
MW-1	11/10/10	3389.00	58.77	46.08	46.28	0.20		0.20	29.80	3342.89	
MW-1	11/10/10	3389.00	58.77	ND	46.84	ND	NA	NA	NA	3342.16	
MW-1	11/16/10	3389.00	58.77	46.18	46.35	0.17		0.20	29.80	3342.79	
MW-1	11/16/10	3389.00	58.77	ND	46.40	ND	NA	NA	NA	3342.60	
MW-1	11/23/10	3389.00	58.77	46.15	46.37	0.22		0.20	9.80	3342.82	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/23/10	3389.00	58.77	ND	46.76	ND	NA	NA	NA	3342.24	
MW-1	12/01/10	3389.00	58.77	46.17	46.40	0.23		0.20	19.80	3342.80	
MW-1	12/01/10	3389.00	58.77	ND	46.65	ND	NA	NA	NA	3342.35	
MW-1	12/08/10	3389.00	58.77	46.16	46.42	0.26		0.20	29.80	3342.80	
MW-1	12/08/10	3389.00	58.77	ND	47.14	ND	NA	NA	NA	3341.86	
MW-1	12/15/10	3389.00	58.77	46.14	46.34	0.20		0.20	29.80	3342.83	
MW-1	12/15/10	3389.00	58.77	ND	47.39	ND	NA	NA	NA	3341.61	
MW-1	12/21/10	3389.00	58.77	46.20	46.34	0.14		0.20	29.80	3342.78	
MW-1	12/21/10	3389.00	58.77	ND	46.92	ND	NA	NA	NA	3342.08	
MW-1	01/08/11	3389.00	58.77	46.10	46.50	0.40		0.20	19.80	3342.84	
MW-1	01/08/11	3389.00	58.77	ND	46.83	ND	NA	NA	NA	3342.17	
MW-1	01/12/11	3389.00	58.77	46.22	46.35	0.13	Hand Bailed	0.20	9.80	3342.76	
MW-1	01/12/11	3389.00	58.77	ND	46.79	ND	NA	NA	NA	3342.21	
MW-1	01/19/11	3389.00	58.77	46.13	46.44	0.31		<0.25	30.00	3342.82	
MW-1	01/19/11	3389.00	58.77	ND	46.82	ND	NA	NA	NA	3342.18	
MW-1	01/25/11	3389.00	58.77	46.18	46.39	0.21		<0.25	30.00	3342.79	
MW-1	01/25/11	3389.00	58.77	ND	46.58	ND	NA	NA	NA	3342.42	
MW-1	02/04/11	3389.00	58.77	46.28	46.43	0.15		0.20	29.80	3342.70	
MW-1	02/04/11	3389.00	58.77	ND	47.43	ND	NA	NA	NA	3341.57	
MW-1	02/08/11	3389.00	58.77	46.11	46.25	0.14		0.10	14.90	3342.87	
MW-1	02/08/11	3389.00	58.77	ND	47.26	ND	NA	NA	NA	3341.74	
MW-1	02/16/11	3389.00	58.77	46.05	46.37	0.32		0.10	34.90	3342.90	
MW-1	02/16/11	3389.00	58.77	ND	47.38	ND	NA	NA	NA	3341.62	
MW-1	02/24/11	3389.00	58.77	46.01	46.30	0.29		0.00	20.00	3342.95	
MW-1	02/24/11	3389.00	58.77	ND	46.18	ND	NA	NA	NA	3342.82	
MW-1	03/02/11	3389.00	58.77	46.05	46.30	0.25		0.10	19.90	3342.91	
MW-1	03/02/11	3389.00	58.77	ND	47.00	ND	NA	NA	NA	3342.00	
MW-1	03/08/11	3389.00	58.77	46.13	46.41	0.28		0.10	4.90	3342.83	
MW-1	03/08/11	3389.00	58.77	ND	46.41	ND	NA	NA	NA	3342.59	
MW-1	03/16/11	3389.00	58.77	46.18	46.56	0.38		0.10	4.90	3342.76	
MW-1	03/16/11	3389.00	58.77	ND	46.32	ND	NA	NA	NA	3342.68	
MW-1	03/23/11	3389.00	58.77	46.25	46.58	0.33		0.10	4.90	3342.70	
MW-1	03/23/11	3389.00	58.77	ND	46.40	ND	NA	NA	NA	3342.60	
MW-1	03/30/11	3389.00	58.77	46.28	46.64	0.36		0.10	29.90	3342.67	
MW-1	03/30/11	3389.00	58.77	ND	46.38	ND	NA	NA	NA	3342.62	
MW-1	04/08/11	3389.00	58.77	46.20	46.39	0.19	Hand Bailed	0.10	4.90	3342.77	
MW-1	04/08/11	3389.00	58.77	ND	46.40	ND	NA	NA	NA	3342.60	
MW-1	04/13/11	3389.00	58.77	46.19	46.42	0.23		0.10	9.90	3342.78	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	04/13/11	3389.00	58.77	ND	46.36	ND	NA	NA	NA	3342.64	
MW-1	04/20/11	3389.00	58.77	46.18	46.48	0.30		0.10	9.90	3342.78	
MW-1	04/20/11	3389.00	58.77	ND	46.45	ND	NA	NA	NA	3342.55	
MW-1	04/27/11	3389.00	58.77	46.23	46.62	0.39	Pumped	0.10	39.90	3342.71	
MW-1	04/27/11	3389.00	58.77	0.00	47.04	47.04	NA	NA	NA	3381.94	
MW-1	05/04/11	3389.00	58.77	46.31	46.55	0.24		0.10	29.90	3342.65	
MW-1	05/04/11	3389.00	58.77	ND	47.11	ND	NA	NA	NA	3341.89	
MW-1	05/11/11	3389.00	58.77	46.32	46.52	0.20		0.10	19.90	3342.65	
MW-1	05/11/11	3389.00	58.77	ND	46.98	ND	NA	NA	NA	3342.02	
MW-1	05/19/11	3389.00	58.77	46.43	46.52	0.09		0.10	29.90	3342.56	
MW-1	05/19/11	3389.00	58.77	ND	47.00	ND	NA	NA	NA	3342.00	
MW-1	05/24/11	3389.00	58.77	46.35	46.50	0.15		0.10	19.90	3342.63	
MW-1	05/24/11	3389.00	58.77	ND	46.72	ND	NA	NA	NA	3342.28	
MW-1	05/31/11	3389.00	58.77	46.46	46.61	0.15	NA	NA	NA	3342.52	Sampled
MW-1	06/08/11	3389.00	58.77	46.45	46.55	0.10		0.00	20.00	3342.54	
MW-1	06/08/11	3389.00	58.77	ND	46.47	ND	NA	NA	NA	3342.53	
MW-1	06/17/11	3389.00	58.77	46.35	46.59	0.24		0.00	20.00	3342.61	
MW-1	06/17/11	3389.00	58.77	ND	46.50	ND	NA	NA	NA	3342.50	
MW-1	06/21/11	3389.00	58.77	46.40	46.98	0.58		0.25	29.75	3342.51	
MW-1	06/21/11	3389.00	58.77	ND	47.10	ND	NA	NA	NA	3341.90	
MW-1	06/29/11	3389.00	58.77	46.54	46.85	0.31		6.25	30.00	3342.41	
MW-1	06/29/11	3389.00	58.77	ND	47.17	ND	NA	NA	NA	3341.83	
MW-1	07/06/11	3389.00	58.77	46.65	46.87	0.22		0.10	9.90	3342.32	
MW-1	07/06/11	3389.00	58.77	ND	46.74	ND	NA	NA	NA	3342.26	
MW-1	07/13/11	3389.00	58.77	46.70	47.05	0.35		0.10	19.90	3342.25	
MW-1	07/13/11	3389.00	58.77	ND	47.14	ND	NA	NA	NA	3341.86	
MW-1	07/21/11	3389.00	58.77	46.75	47.06	0.31	Hand Bailed	0.10	9.90	3342.20	
MW-1	07/21/11	3389.00	58.77	ND	46.86	ND	NA	NA	NA	3342.14	
MW-1	07/27/11	3389.00	58.77	46.78	47.30	0.52		0.10	9.90	3342.14	
MW-1	07/27/11	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	
MW-1	08/03/11	3389.00	58.77	46.85	47.44	0.59		0.10	9.90	3342.06	
MW-1	08/03/11	3389.00	58.77	ND	47.12	ND	NA	NA	NA	3341.88	
MW-1	08/11/11	3389.00	58.77	46.90	47.68	0.78		0.10	9.90	3341.98	
MW-1	08/11/11	3389.00	58.77	ND	47.20	ND	NA	NA	NA	3341.80	
MW-1	08/17/11	3389.00	58.77	46.88	47.82	0.94	Hand Bailed	0.10	9.90	3341.98	
MW-1	08/17/11	3389.00	58.77	ND	47.13	ND	NA	NA	NA	3341.87	
MW-1	08/24/11	3389.00	58.77	46.98	47.94	0.96		0.20	9.80	3341.88	
MW-1	08/24/11	3389.00	58.77	ND	47.20	ND	NA	NA	NA	3341.80	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	08/29/11	3389.00	58.77	47.05	47.97	0.92		0.10	9.90	3341.81	Sampled
MW-1	08/29/11	3389.00	58.77	ND	47.18	ND	NA	NA	NA	3341.82	
MW-1	09/07/11	3389.00	58.77	47.09	48.15	1.06		0.20	9.80	3341.75	
MW-1	09/07/11	3389.00	58.77	ND	47.29	ND	NA	NA	NA	3341.71	
MW-1	09/14/11	3389.00	58.77	47.03	47.99	0.96		0.10	4.90	3341.83	
MW-1	09/14/11	3389.00	58.77	ND	47.21	ND	NA	NA	NA	3341.79	
MW-1	09/21/11	3389.00	58.77	47.10	48.25	1.15		0.10	9.90	3341.73	
MW-1	09/21/11	3389.00	58.77	ND	47.33	ND	NA	NA	NA	3341.67	
MW-1	09/28/11	3389.00	58.77	47.15	48.30	1.15	Hand Bailed	0.50	9.50	3341.68	
MW-1	09/28/11	3389.00	58.77	ND	47.35	ND	NA	NA	NA	3341.65	
MW-1	10/05/11	3389.00	58.77	47.12	48.15	1.03	NA	0.75	39.25	3341.73	Semi-clear @ 30 gal
MW-1	10/05/11	3389.00	58.77	ND	47.94	ND	NA	NA	NA	3341.06	
MW-1	10/12/11	3389.00	58.77	47.13	48.20	1.07	NA	2.00	28.00	3341.71	
MW-1	10/12/11	3389.00	58.77	ND	47.80	ND	NA	NA	NA	3341.20	
MW-1	10/18/11	3389.00	58.77	47.21	48.18	0.97	NA	0.75	29.25	3341.64	
MW-1	10/18/11	3389.00	58.77	ND	48.36	ND	NA	NA	NA	3340.64	
MW-1	10/28/11	3389.00	58.77	47.14	48.25	1.11	NA	0.75	29.25	3341.69	
MW-1	10/28/11	3389.00	58.77	ND	48.48	ND	NA	NA	NA	3340.52	
MW-1	11/02/11	3389.00	58.77	47.11	48.15	1.04	NA	0.75	19.25	3341.73	
MW-1	11/02/11	3389.00	58.77	ND	48.19	ND	NA	NA	NA	3340.81	
MW-1	11/09/11	3389.00	58.77	47.14	48.39	1.25	Hand Bailed	0.10	9.90	3341.67	
MW-1	11/09/11	3389.00	58.77	ND	49.34	ND	NA	NA	NA	3339.66	
MW-1	11/18/11	3389.00	58.77	47.06	48.22	1.16	NA	0.75	9.75	3341.77	
MW-1	11/18/11	3389.00	58.77	ND	47.25	ND	NA	NA	NA	3341.75	
MW-1	11/23/11	3389.00	58.77	47.15	48.35	1.20	NA	1.00	19.00	3341.67	
MW-1	11/23/11	3389.00	58.77	ND	48.21	ND	NA	NA	NA	3340.79	
MW-1	11/28/11	3389.00	58.77	47.16	48.35	1.19	NA	NA	NA	3341.66	Sampled
MW-1	12/07/11	3389.00	58.77	47.18	48.58	1.40	NA	0.10	19.90	3341.61	
MW-1	12/07/11	3389.00	58.77	ND	47.41	ND	NA	NA	NA	3341.59	
MW-1	12/13/11	3389.00	58.77	47.13	48.29	1.16	NA	0.75	19.25	3341.70	
MW-1	12/13/11	3389.00	58.77	ND	48.46	ND	NA	NA	NA	3340.54	
MW-1	12/20/11	3389.00	58.77	47.22	48.50	1.28	NA	0.25	19.75	3341.59	
MW-1	12/20/11	3389.00	58.77	ND	48.31	ND	NA	NA	NA	3340.69	
MW-1	12/27/11	3389.00	58.77	47.22	48.80	1.58	NA	1.00	29.00	3341.54	
MW-1	12/27/11	3389.00	58.77	ND	48.48	ND	NA	NA	NA	3340.52	
MW-1	01/04/12	3389.00	58.77	47.12	47.71	0.59	Hand Bailed	0.10	9.90	3341.79	
MW-1	01/04/12	3389.00	58.77	ND	47.44	ND	NA	NA	NA	3341.56	

TABLE 2
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PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/13/12	3389.00	58.77	47.06	48.19	1.13	Hand Bailed	0.25	9.75	3341.77	
MW-1	01/13/12	3389.00	58.77	ND	47.43	ND	NA	NA	NA	3341.57	
MW-1	01/18/12	3389.00	58.77	47.01	48.10	1.09		1.00	14.00	3341.83	
MW-1	01/18/12	3389.00	58.77	ND	48.03	ND	NA	NA	NA	3340.97	
MW-1	01/27/12	3389.00	58.77	46.95	48.10	1.15	NA	1.00	29.00	3341.88	
MW-1	01/27/12	3389.00	58.77	ND	48.05	ND	NA	NA	NA	3340.95	
MW-1	02/02/12	3389.00	58.77	46.91	48.04	1.13	NA	1.00	19.00	3341.92	
MW-1	02/02/12	3389.00	58.77	ND	47.07	ND	NA	NA	NA	3341.93	
MW-1	02/08/12	3389.00	58.77	46.90	48.00	1.10	NA	0.10	29.90	3341.94	
MW-1	02/08/12	3389.00	58.77	ND	48.90	ND	NA	NA	NA	3340.10	
MW-1	02/15/12	3389.00	58.77	46.86	48.93	2.07	NA	0.00	19.00	3341.83	
MW-1	02/15/12	3389.00	58.77	ND	47.90	ND	NA	NA	NA	3341.10	
MW-1	02/29/12	3389.00	58.77	46.75	47.65	0.90	NA	0.10	29.90	3342.12	
MW-1	02/29/12	3389.00	58.77	ND	47.75	ND	NA	NA	NA	3341.25	
MW-1	03/06/12	3389.00	58.77	46.80	47.70	0.90	NA	1.00	19.00	3342.07	
MW-1	03/06/12	3389.00	58.77	ND	47.40	ND	NA	NA	NA	3341.60	
MW-1	03/14/12	3389.00	58.77	46.78	47.68	0.90	NA	0.25	19.75	3342.09	
MW-1	03/14/12	3389.00	58.77	ND	47.30	ND	NA	NA	NA	3341.70	
MW-1	03/21/12	3389.00	58.77	47.61	48.58	0.97	NA	0.10	19.90	3341.24	
MW-1	03/21/12	3389.00	58.77	ND	48.58	ND	NA	NA	NA	3340.42	
MW-1	03/29/12	3389.00	58.77	46.70	47.70	1.00	NA	0.10	19.90	3342.15	
MW-1	03/29/12	3389.00	58.77	ND	47.50	ND	NA	NA	NA	3341.50	
MW-1	04/03/12	3389.00	58.77	46.70	47.70	1.00	NA	0.10	19.90	3342.15	
MW-1	04/03/12	3389.00	58.77	ND	47.50	ND	NA	NA	NA	3341.50	
MW-1	04/11/12	3389.00	58.77	46.79	48.00	1.21	NA	1.00	19.00	3342.03	
MW-1	04/11/12	3389.00	58.77	ND	47.76	ND	NA	NA	NA	3341.24	
MW-1	04/20/12	3389.00	58.77	46.83	48.06	1.23	NA	0.50	29.50	3341.99	
MW-1	04/20/12	3389.00	58.77	ND	47.70	ND	NA	NA	NA	3341.30	
MW-1	04/26/12	3389.00	58.77	46.90	48.32	1.42	NA	1.00	39.00	3341.89	
MW-1	04/26/12	3389.00	58.77	ND	47.73	ND	NA	NA	NA	3341.27	
MW-1	05/02/12	3389.00	58.77	46.96	48.38	1.42	NA	2.00	43.00	3341.83	
MW-1	05/02/12	3389.00	58.77	ND	47.58	ND	NA	NA	NA	3341.42	
MW-1	05/09/12	3389.00	58.77	47.02	48.48	1.46	NA	0.50	39.50	3341.76	
MW-1	05/09/12	3389.00	58.77	ND	47.91	ND	NA	NA	NA	3341.09	
MW-1	05/16/12	3389.00	58.77	47.17	48.62	1.45	NA	0.50	39.50	3341.61	
MW-1	05/16/12	3389.00	58.77	ND	47.52	ND	NA	NA	NA	3341.48	
MW-1	05/22/12	3389.00	58.77	47.08	48.61	1.53	NA	NA	NA	3341.69	
MW-1	05/29/12	3389.00	58.77	47.09	48.56	1.47	NA	1.00	39.00	3341.69	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	05/29/12	3389.00	58.77	ND	47.48	ND	NA	NA	NA	3341.52	
MW-1	06/06/12	3389.00	58.77	47.13	48.50	1.37	NA	1.00	39.00	3341.66	
MW-1	06/06/12	3389.00	58.77	ND	47.32	ND	NA	NA	NA	3341.68	
MW-1	06/13/12	3389.00	58.77	47.15	48.70	1.55	NA	2.00	38.00	3341.62	
MW-1	06/13/12	3389.00	58.77	ND	47.53	ND	NA	NA	NA	3341.47	
MW-1	06/19/12	3389.00	58.77	47.20	48.85	1.65	NA	2.00	23.00	3341.55	
MW-1	06/19/12	3389.00	58.77	ND	48.01	ND	NA	NA	NA	3340.99	
MW-1	06/27/12	3389.00	58.77	47.28	48.80	1.52	NA	0.00	20.00	3341.49	
MW-1	06/27/12	3389.00	58.77	ND	48.20	ND	NA	NA	NA	3340.80	
MW-1	07/18/12	3389.00	58.77	47.42	49.12	1.70	NA	1.70	38.00	3341.33	
MW-1	07/18/12	3389.00	58.77	ND	48.58	ND	NA	NA	NA	3340.42	
MW-1	07/25/12	3389.00	58.77	47.50	48.99	1.49	NA	2.50	22.50	3341.28	
MW-1	07/25/12	3389.00	58.77	ND	48.38	ND	NA	NA	NA	3340.62	
MW-1	07/31/12	3389.00	58.77	47.56	48.96	1.40	NA	2.00	38.00	3341.23	
MW-1	07/31/12	3389.00	58.77	ND	47.65	ND	NA	NA	NA	3341.35	
MW-1	08/08/12	3389.00	58.77	47.45	48.95	1.50	NA	NA	NA	3341.33	
MW-1	08/13/12	3389.00	58.77	47.40	48.90	1.50	NA	2.00	38.00	3341.38	
MW-1	08/13/12	3389.00	58.77	ND	48.21	ND	NA	NA	NA	3340.79	
MW-1	08/20/12	3389.00	58.77	47.37	48.83	1.46	NA	1.00	19.00	3341.41	
MW-1	08/20/12	3389.00	58.77	ND	47.95	ND	NA	NA	NA	3341.05	
MW-1	09/05/12	3389.00	58.77	47.33	48.90	1.57	NA	1.00	39.00	3341.43	
MW-1	09/05/12	3389.00	58.77	ND	48.15	ND	NA	NA	NA	3340.85	
MW-1	09/11/12	3389.00	58.77	47.30	48.75	1.45	NA	NA	NA	3341.48	
MW-1	09/19/12	3389.00	58.77	47.33	48.90	1.57	NA	NA	NA	3341.43	
MW-1	09/25/12	3389.00	58.77	47.33	48.88	1.55	NA	NA	NA	3341.44	
MW-1	10/02/12	3389.00	58.77	47.33	48.80	1.47	NA	NA	NA	3341.45	
MW-1	10/10/12	3389.00	58.77	47.30	48.85	1.55	NA	NA	NA	3341.47	
MW-1	10/16/12	3389.00	58.77	47.26	48.84	1.58	NA	NA	NA	3341.50	
MW-1	10/16/12	3389.00	58.77	ND	47.95	ND	NA	NA	NA	3341.05	
MW-1	10/24/12	3389.00	58.77	47.25	48.75	1.50	NA	1.00	39.00	3341.53	
MW-1	10/24/12	3389.00	58.77	ND	47.92	ND	NA	NA	NA	3341.08	
MW-1	11/06/12	3389.00	58.77	47.29	48.82	1.53	NA	1.00	39.00	3341.48	
MW-1	11/06/12	3389.00	58.77	ND	47.82	ND	NA	NA	NA	3341.18	
MW-1	11/26/12	3389.00	58.77	ND	NG	NG	NA	NA	NA	NG	
MW-1	12/11/12	3389.00	58.77	47.27	48.70	1.43	NA	3.00	37.00	3341.52	
MW-1	12/11/12	3389.00	58.77	ND	48.23	ND	NA	NA	NA	3340.77	
MW-1	01/03/13	3389.00	58.77	47.28	48.85	1.57	NA	2.00	38.00	3341.48	
MW-1	01/16/13	3389.00	58.77	47.28	48.90	1.62	NA	2.00	38.00	3341.48	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/23/13	3389.00	58.77	47.30	48.80	1.50	NA	2.00	38.00	3341.48	
MW-1	01/30/13	3389.00	58.77	47.28	48.85	1.57	NA	1.00	39.00	3341.48	
MW-1	02/07/13	3389.00	58.77	47.28	48.78	1.50	NA	1.00	39.00	3341.50	
MW-1	02/13/13	3389.00	58.77	47.28	48.80	1.52	NA	2.00	38.00	3341.49	
MW-1	02/27/13	3389.00	58.77	47.27	48.60	1.33	NA	2.00	38.00	3341.53	
MW-1	03/05/13	3389.00	58.77	47.25	48.65	1.40	NA	1.00	39.00	3341.54	
MW-1	03/15/13	3389.00	58.77	47.30	48.72	1.42	NA	1.00	39.00	3341.49	
MW-1	03/21/13	3389.00	58.77	47.19	48.32	1.13	NA	2.00	38.00	3341.64	
MW-1	03/29/13	3389.00	58.77	47.16	48.44	1.28	NA	2.00	38.00	3341.65	
MW-1	04/03/13	3389.00	58.77	47.15	48.39	1.24	NA	2.00	38.00	3341.66	
MW-1	04/09/13	3389.00	58.77	47.15	48.46	1.31	NA	1.00	39.00	3341.65	
MW-1	05/01/13	3389.00	58.77	47.22	48.18	0.96	NA	1.00	39.00	3341.64	
MW-1	05/15/13	3389.00	58.77	47.28	48.80	1.52	NA	1.00	39.00	3341.49	
MW-1	05/21/13	3389.00	58.77	47.28	48.90	1.62	NA	1.00	39.00	3341.48	
MW-1	06/05/13	3389.00	58.77	47.31	48.91	1.60	NA	2.00	38.00	3341.45	
MW-1	06/10/13	3389.00	58.77	47.37	48.79	1.42	NA	2.00	38.00	3341.42	Sampled
MW-1	06/17/13	3389.00	58.77	47.34	48.84	1.50	NA	2.00	38.00	3341.44	
MW-1	06/26/13	3389.00	58.77	47.60	48.85	1.25	NA	1.00	38.00	3341.21	
MW-1	07/03/13	3389.00	58.77	47.40	49.12	1.72	NA	2.00	38.00	3341.34	
MW-1	07/10/13	3389.00	58.77	47.52	49.25	1.73	NA	2.00	38.00	3341.22	
MW-1	08/07/13	3389.00	58.77	47.56	49.20	1.64	NA	2.00	38.00	3341.19	
MW-1	08/14/13	3389.00	58.77	47.70	49.45	1.75	NA	2.00	38.00	3341.04	
MW-1	08/21/13	3389.00	58.77	47.70	49.52	1.82	NA	3.00	37.00	3341.03	
MW-1	08/28/13	3389.00	58.77	47.78	49.32	1.54	NA	2.00	28.00	3340.99	
MW-1	09/06/13	3389.00	58.77	47.81	49.38	1.57	NA	2.00	38.00	3340.95	
MW-1	09/11/13	3389.00	58.77	47.87	49.23	1.36	NA	2.00	33.00	3340.93	
MW-1	09/21/13	3389.00	58.77	47.85	49.35	1.50	NA	2.00	18.00	3340.93	
MW-1	09/28/13	3389.00	58.77	47.88	49.38	1.50	NA	2.00	18.00	3340.90	
MW-1	10/02/13	3389.00	58.77	47.80	49.65	1.85	NA	2.00	38.00	3340.92	
MW-1	10/11/13	3389.00	58.77	47.95	49.50	1.55	NA	2.00	28.00	3340.82	
MW-1	10/16/13	3389.00	58.77	47.80	48.95	1.15	NA	2.00	38.00	3341.03	
MW-1	10/30/13	3389.00	58.77	48.02	49.88	1.86	NA	2.00	38.00	3340.70	
MW-1	11/13/13	3389.00	58.77	48.09	49.85	1.76	NA	2.00	28.00	3340.65	
MW-1	11/20/13	3389.00	58.77	48.35	49.66	1.31	NA	2.00	28.00	3340.45	
MW-1	11/27/13	3389.00	58.77	48.15	49.69	1.54	NA	2.00	28.00	3340.62	
MW-1	12/11/13	3389.00	58.77	48.18	50.02	1.84	NA	2.00	28.00	3340.54	
MW-1	12/17/13	3389.00	58.77	48.23	49.75	1.52	NA	2.00	28.00	3340.54	
MW-1	01/02/14	3389.00	58.77	48.50	49.75	1.25		1.00	29.00	3340.31	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/09/14	3389.00	58.77	48.75	49.50	0.75		2.00	28.00	3340.14	
MW-1	01/15/14	3389.00	58.77	48.40	49.69	1.29		1.00	19.00	3340.41	
MW-1	01/22/14	3389.00	58.77	48.45	49.70	1.25		2.00	28.00	3340.36	
MW-1	01/30/14	3389.00	58.77	48.41	50.15	1.74		1.50	23.50	3340.33	
MW-1	02/05/14	3389.00	58.77	48.54	49.63	1.09		2.00	28.00	3340.30	
MW-1	02/13/14	3389.00	58.77	48.55	49.77	1.22		2.00	28.00	3340.27	
MW-1	02/20/14	3389.00	58.77	48.57	49.68	1.11		1.50	18.50	3340.26	
MW-1	02/26/14	3389.00	58.77	48.54	50.24	1.70		2.00	28.00	3340.21	
MW-1	03/05/14	3389.00	58.77	48.55	50.18	1.63		2.00	18.00	3340.21	
MW-1	03/18/14	3389.00	58.77	48.58	50.21	1.63		2.00	38.00	3340.18	
MW-1	03/25/14	3389.00	58.77	48.59	50.30	1.71		3.00	27.00	3340.15	
MW-1	04/02/14	3389.00	58.77	48.60	50.40	1.80		3.00	27.00	3340.13	
MW-1	04/07/14	3389.00	58.77	48.58	50.00	1.42		2.00	38.00	3340.21	
MW-1	04/15/14	3389.00	58.77	48.78	49.57	0.79		2.00	28.00	3340.10	
MW-1	04/23/14	3389.00	58.77	48.85	49.66	0.81		2.00	28.00	3340.03	
MW-1	05/04/14	3389.00	58.77	48.58	49.93	1.35		3.00	17.00	3340.22	
MW-1	05/07/14	3389.00	58.77	48.60	49.02	0.42		1.00	19.00	3340.34	
MW-1	05/16/14	3389.00	58.77	48.72	49.87	1.15		2.00	28.00	3340.11	Sampled
MW-1	05/20/14	3389.00	58.77	48.75	49.22	0.47		0.50	19.50	3340.18	
MW-1	06/06/14	3389.00	58.77	48.72	50.10	1.38		NA	NA	3340.07	Sampled
MW-1	06/19/14	3389.00	58.77	48.78	49.73	0.95		2.00	23.00	3340.08	
MW-1	06/25/14	3389.00	58.77	48.80	49.95	1.15		2.00	23.00	3340.03	
MW-1	07/09/14	3389.00	58.77	48.78	50.40	1.62		2.00	38.00	3339.98	
MW-1	07/16/14	3389.00	58.77	48.97	49.72	0.75		2.00	38.00	3339.92	
MW-1	07/23/14	3389.00	58.77	49.98	50.15	0.17		2.00	28.00	3338.99	
MW-1	07/29/14	3389.00	58.77	48.96	49.62	0.66		2.00	28.00	3339.94	
MW-1	08/12/14	3389.00	58.77	48.48	49.76	1.28		2.00	23.00	3340.33	
MW-1	08/21/14	3389.00	58.77	48.55	49.23	0.68		NA	NA	3340.35	
MW-1	08/26/14	3389.00	58.77	48.57	49.23	0.66		1.00	9.00	3340.33	
MW-1	09/03/14	3389.00	58.77	48.48	49.51	1.03		2.00	28.00	3340.37	
MW-1	09/09/14	3389.00	58.77	48.43	49.53	1.10		2.00	28.00	3340.41	
MW-1	09/18/14	3389.00	58.56	48.40	49.52	1.12		2.00	18.00	3340.43	
MW-1	09/24/14	3389.00	58.56	48.48	49.28	0.80		0.25	19.75	3340.40	
MW-1	09/29/14	3389.00	58.56	48.49	49.29	0.80		NA	NA	3340.39	
MW-1	10/13/14	3389.00	58.56	48.28	48.92	0.64		NA	NA	3340.62	
MW-1	10/20/14	3389.00	58.56	48.24	48.90	0.66		NA	NA	3340.66	
MW-1	10/28/14	3389.00	58.56	48.16	48.63	0.47		0.50	9.50	3340.77	
MW-1	11/04/14	3389.00	58.56	48.13	48.51	0.38		0.50	9.50	3340.81	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/12/14	3389.00	58.56	48.20	48.22	0.02		NA	NA	3340.80	
MW-1	11/20/14	3389.00	58.56	48.08	48.10	0.02		NA	NA	3340.92	
MW-1	11/25/14	3389.00	58.56	48.02	48.08	0.06		NA	NA	3340.97	
MW-1	12/05/14	3389.00	58.56	48.05	48.06	0.01		NA	NA	3340.95	
MW-1	12/17/14	3389.00	58.56	48.01	48.10	0.09		NA	NA	3340.98	
MW-1	12/22/14	3389.00	58.56	48.00	48.31	0.31		0.25	9.75	3340.95	
MW-1	12/29/14	3389.00	58.56	47.95	48.29	0.34		0.50	4.50	3341.00	
MW-1	01/05/15	3389.00	58.56	47.25	47.34	0.09		0.25	9.75	3341.74	
MW-1	01/07/15	3389.00	58.56	47.96	48.23	0.27		0.50	14.50	3341.00	
MW-1	01/14/15	3389.00	58.56	47.94	48.18	0.24		0.25	17.75	3341.02	
MW-1	01/21/15	3389.00	58.56	47.92	48.13	0.21		0.50	14.50	3341.05	
MW-1	01/28/15	3389.00	58.56	47.85	48.08	0.23		1.00	19.00	3341.12	
MW-1	02/06/15	3389.00	58.56	47.84	48.48	0.64		0.50	9.50	3341.06	
MW-1	02/10/15	3389.00	58.56	47.85	48.02	0.17		NA	NA	3341.12	
MW-1	02/17/15	3389.00	58.56	47.83	48.00	0.17		0.50	9.50	3341.14	
MW-1	02/24/15	3389.00	58.56	47.85	48.03	0.18		NA	NA	3341.12	
MW-1	03/05/15	3389.00	58.56	48.82	49.00	0.18		0.50	9.50	3340.15	
MW-1	03/11/15	3389.00	58.56	47.78	47.95	0.17		NA	NA	3341.19	
MW-1	03/17/15	3389.00	58.56	47.80	48.00	0.20		NA	NA	3341.17	
MW-1	03/23/15	3389.00	58.56	47.76	47.98	0.22		NA	NA	3341.21	
MW-1	03/31/15	3389.00	58.56	47.78	48.08	0.30		0.50	14.50	3341.18	CLEAR @4GAL
MW-1	04/07/15	3389.00	58.56	47.75	47.98	0.23		0.25	9.75	3341.22	
MW-1	04/15/15	3389.00	58.56	47.60	47.69	0.09		0.25	9.75	3341.39	
MW-1	04/21/15	3389.00	58.56	47.70	47.90	0.20		0.25	9.75	3341.27	
MW-1	04/29/15	3389.00	58.56	48.68	48.71	0.03		0.25	9.50	3340.32	
MW-1	05/06/15	3389.00	58.56	47.63	48.52	0.89		0.25	9.75	3341.24	
MW-1	05/27/15	3389.00	58.56	47.37	47.44	0.07		0.25	9.75	3341.62	
MW-1	06/04/15	3389.00	58.56	47.34	47.41	0.07		0.25	9.75	3341.65	
MW-1	06/09/15	3389.00	58.56	47.33	47.39	0.06		0.25	9.75	3341.66	
MW-1	06/13/15	3389.00	58.23	47.28	47.30	0.02		NA	NA	3341.72	Sampled
MW-1	07/01/15	3389.00	58.23	47.23	47.28	0.05		0.25	9.75	3341.76	
MW-1	07/08/15	3389.00	58.23	47.22	47.28	0.06		0.25	9.75	3341.77	
MW-1	07/11/15	3389.00	58.23	47.22	47.27	0.05		0.25	9.75	3341.77	
MW-1	07/21/15	3389.00	58.23	47.24	47.30	0.06		0.25	9.75	3341.75	
MW-1	07/28/15	3389.00	58.23	na	ng	na		0.25	9.75	ng	interface malfunction
MW-1	08/05/15	3389.00	58.23	47.17	47.32	0.15		0.25	9.75	3341.81	
MW-1	08/12/15	3389.00	58.23	47.23	47.31	0.08		0.25	9.75	3341.76	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	08/20/15	3389.00	58.23	47.33	47.47	0.14		0.25	9.75	3341.65	
MW-1	08/27/15	3389.00	58.23	47.42	47.50	0.08		NA	NA	3341.57	
MW-1	09/01/15	3389.00	58.23	47.43	47.54	0.11		0.25	9.75	3341.55	
MW-1	09/10/15	3389.00	58.23	47.53	47.60	0.07		NA	NA	3341.46	
MW-1	09/16/15	3389.00	58.23	47.60	47.67	0.07		0.25	9.75	3341.39	
MW-1	09/28/15	3389.00	58.23	47.61	47.70	0.09		0.25	9.75	3341.38	
MW-1	10/07/15	3389.00	58.23	47.63	47.73	0.10		0.25	9.75	3341.36	
MW-1	10/13/15	3389.00	58.23	47.65	47.74	0.09		0.25	9.75	3341.34	
MW-1	10/20/15	3389.00	58.23	47.64	47.76	0.12		0.25	9.75	3341.34	
MW-1	10/28/15	3389.00	58.23	47.61	47.78	0.17		0.25	9.75	3341.36	
MW-1	11/03/15	3389.00	58.23	47.59	47.68	0.09		NA	NA	3341.40	
MW-1	11/12/15	3389.00	58.23	47.62	47.78	0.16		0.50	9.50	3341.36	
MW-1	11/15/15	3389.00	58.23	47.58	47.74	0.16		NA	NA	3341.40	
MW-1	11/17/15	3389.00	58.23	47.54	47.73	0.19		0.50	9.50	3341.43	
MW-1	11/24/15	3389.00	58.23	47.50	47.70	0.20		0.25	9.75	3341.47	
MW-1	12/09/15	3389.00	58.23	47.41	47.58	0.17		0.25	9.75	3341.56	
MW-1	12/15/15	3389.00	58.23	47.39	47.55	0.16		NA	NA	3341.59	
MW-1	12/31/15	3389.00	58.23	47.31	47.40	0.09		0.25	9.75	3341.68	
MW-1	01/05/16	3389.00	58.23	47.25	47.34	0.09		0.25	9.75	3341.74	
MW-1	01/19/16	3389.00	58.23	47.24	47.32	0.08		0.25	9.75	3341.75	
MW-1	01/26/16	3389.00	58.23	47.22	47.28	0.06		0.25	9.75	3341.77	
MW-1	02/02/16	3389.00	58.23	47.18	47.23	0.05		0.25	9.75	3341.81	
MW-1	02/09/16	3389.00	58.23	47.15	47.20	0.05		0.25	9.75	3341.84	
MW-1	02/17/16	3389.00	58.23	47.11	47.14	0.03		0.25	9.75	3341.89	
MW-1	02/24/16	3389.00	58.23	47.16	47.19	0.03		0.25	9.75	3341.84	
MW-1	03/01/16	3389.00	58.23	47.21	47.23	0.02		0.25	9.75	3341.79	
MW-1	03/08/16	3389.00	58.23	47.17	47.23	0.06		NA	NA	3341.82	
MW-1	03/15/16	3389.00	58.23	47.22	47.27	0.05		0.25	9.75	3341.77	
MW-1	03/22/16	3389.00	58.23	47.18	47.22	0.04		0.25	9.75	3341.81	
MW-1	03/29/16	3389.00	58.23	47.18	47.24	0.06		0.25	9.75	3341.81	
MW-1	04/05/16	3389.00	58.23	47.23	47.29	0.06		0.25	9.75	3341.76	
MW-1	04/12/16	3389.00	58.23	47.30	47.42	0.12		0.25	9.75	3341.68	
MW-1	04/19/16	3389.00	58.23	47.06	47.13	0.07		0.25	9.75	3341.93	
MW-1	04/27/16	3389.00	58.23	47.05	47.10	0.05		0.25	9.75	3341.94	
MW-1	05/05/16	3389.00	58.23	47.06	47.10	0.04		sheen	10.00	3341.93	
MW-1	05/12/16	3389.00	58.23	47.05	47.13	0.08		0.25	9.75	3341.94	
MW-1	05/20/16	3389.00	58.23	47.02	47.11	0.09		sheen	20.00	3341.97	Sampled
MW-1	05/26/16	3389.00	58.23	47.07	47.08	0.01		sheen	10.00	3341.93	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	06/02/16	3389.00	58.23	47.16	47.23	0.07		sheen	10.00	3341.83	
MW-1	06/10/16	3389.00	58.23	47.01	47.12	0.11		0.25	9.75	3341.97	
MW-1	06/23/16	3389.00	58.23	46.93	46.99	0.06		0.25	9.75	3342.06	
MW-1	06/27/16	3389.00	58.23	46.89	46.92	0.03		sheen	10.00	3342.11	
MW-1	07/06/16	3389.00	58.23	46.91	46.92	0.01		sheen	10.00	3342.09	
MW-1	07/15/16	3389.00	58.23	46.87	46.90	0.03		0.25	9.75	3342.13	
MW-1	07/27/16	3389.00	58.23	sheen	48.87	sheen		sheen	10.00	3340.13	
MW-1	08/03/16	3389.00	58.23	sheen	46.98	sheen		sheen	10.00	3342.02	
MW-1	08/12/16	3389.00	58.23	46.92	46.93	0.01		sheen	10.00	3342.08	
MW-1	08/17/16	3389.00	58.23	46.96	46.97	0.01		sheen	10.00	3342.04	
MW-1	08/24/16	3389.00	58.23	47.04	47.06	0.02		sheen	10.00	3341.96	
MW-1	08/31/16	3389.00	58.23	47.06	47.13	0.07		NA	NA	3341.93	
MW-1	09/07/16	3389.00	58.23	47.09	47.11	0.02		0.25	9.75	3341.91	
MW-1	09/16/16	3389.00	58.23	47.15	47.17	0.02		sheen	10.00	3341.85	
MW-1	09/21/16	3389.00	58.23	47.07	47.10	0.03		NA	NA	3341.93	
MW-1	09/28/16	3389.00	58.23	47.00	47.02	0.02		sheen	10.00	3342.00	
MW-1	10/12/16	3389.00	58.23	46.90	46.93	0.03		sheen	10.00	3342.10	
MW-1	10/19/16	3389.00	58.23	46.86	46.90	0.04		sheen	10.00	3342.13	
MW-1	10/25/16	3389.00	58.23	46.85	46.91	0.06		sheen	10.00	3342.14	
MW-1	11/01/16	3389.00	58.23	46.80	46.85	0.05		sheen	10.00	3342.19	
MW-1	11/09/16	3389.00	58.23	46.80	46.83	0.03		NA	10.00	3342.20	
MW-1	11/16/16	3389.00	58.23	46.85	46.88	0.03		sheen	10.00	3342.15	
MW-1	11/22/16	3389.00	58.23	sheen	46.71	sheen		NA	10.00	3342.29	
MW-1	11/30/16	3389.00	58.23	sheen	46.75	sheen		NA	10.00	3342.25	
MW-1	12/06/16	3389.00	58.23	sheen	46.87	sheen		NA	10.00	3342.13	
MW-1	12/16/16	3389.00	58.23	sheen	46.67	sheen		NA	NA	3342.33	
MW-1	12/22/16	3389.00	58.23	sheen	46.67	sheen		NA	NA	3342.33	
MW-1	12/28/16	3389.00	58.23	na	46.61	na		NA	10.00	3342.39	
MW-1	01/05/17	3389.00	58.23	na	46.61	na		NA	10.00	3342.39	
MW-1	01/11/17	3389.00	58.23	sheen	46.59	sheen		NA	10.00	3342.41	
MW-1	01/18/17	3389.00	58.23	sheen	46.54	sheen		NA	10.00	3342.46	
MW-1	01/25/17	3389.00	58.23	sheen	46.56	sheen		NA	10.00	3342.44	
MW-1	02/01/17	3389.00	58.23	sheen	46.52	sheen		NA	10.00	3342.48	
MW-1	02/08/17	3389.00	58.23	46.51	46.52	0.01		NA	10.00	3342.49	
MW-1	02/15/17	3389.00	58.23	sheen	46.52	sheen		NA	10.00	3342.48	
MW-1	02/23/17	3389.00	58.23	na	46.44	na		NA	10.00	3342.56	
MW-1	03/08/17	3389.00	58.23	sheen	46.46	sheen		NA	10.00	3342.54	
MW-1	03/14/17	3389.00	58.23	sheen	46.42	sheen		NA	10.00	3342.58	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	03/21/17	3389.00	58.23	sheen	46.38	sheen		NA	10.00	3342.62	
MW-1	03/29/17	3389.00	58.23	na	46.39	na		NA	10.00	3342.61	
MW-1	04/05/17	3389.00	58.23	sheen	47.39	sheen		NA	10.00	3341.61	
MW-1	04/12/17	3389.00	58.23	sheen	46.42	sheen		NA	10.00	3342.58	
MW-1	04/19/17	3389.00	58.23	sheen	46.30	sheen		NA	10.00	3342.70	
MW-1	04/26/17	3389.00	58.23	sheen	46.32	sheen		sheen	10.00	3342.68	
MW-1	05/03/17	3389.00	58.23	sheen	46.28	sheen		NA	10.00	3342.72	
MW-1	05/16/17	3389.00	58.23	na	46.22	na		NA	NA	3342.78	Sampled
MW-1	05/25/17	3389.00	58.23	sheen	46.30	sheen		NA	10.00	3342.70	
MW-1	06/01/17	3389.00	58.23	sheen	46.28	sheen		NA	10.00	3342.72	
MW-1	06/05/17	3389.00	58.23	na	46.20	na		NA	10.00	3342.80	
MW-1	06/13/17	3389.00	58.23	na	46.16	na		NA	10.00	3342.84	
MW-1	06/21/17	3389.00	58.23	na	46.21	na		NA	10.00	3342.79	
MW-1	06/28/17	3389.00	58.23	sheen	46.12	sheen		NA	10.00	3342.88	
MW-1	07/12/17	3389.00	58.23	sheen	46.10	sheen		NA	10.00	3342.90	
MW-1	07/18/17	3389.00	58.23	na	46.11	na		NA	10.00	3342.89	
MW-1	07/26/17	3389.00	58.23	sheen	46.06	sheen		sheen	10.00	3342.94	
MW-1	08/02/17	3389.00	58.23	sheen	46.08	sheen		NA	10.00	3342.92	
MW-1	08/09/17	3389.00	58.23	na	46.05	na		NA	10.00	3342.95	
MW-1	08/16/17	3389.00	58.23	na	46.10	na		NA	10.00	3342.90	
MW-1	08/23/17	3389.00	58.23	sheen	46.07	sheen		NA	10.00	3342.93	
MW-1	08/30/17	3389.00	58.23	sheen	46.05	sheen		NA	10.00	3342.95	
MW-1	09/07/17	3389.00	58.23	sheen	46.10	sheen		NA	10.00	3342.90	
MW-1	09/13/17	3389.00	58.23	sheen	46.02	sheen		NA	NA	3342.98	
MW-1	09/26/17	3389.00	58.23	sheen	45.98	sheen		sheen	10.00	3343.02	
MW-1	10/04/17	3389.00	58.23	sheen	46.00	sheen		NA	NA	3343.00	
MW-1	10/12/17	3389.00	58.23	na	46.09	na		NA	NA	3342.91	
MW-1	10/18/17	3389.00	58.23	na	46.12	na		NA	NA	3342.88	
MW-1	10/26/17	3389.00	58.23	na	46.15	na		NA	NA	3342.85	
MW-1	11/01/17	3389.00	58.23	na	46.20	na		NA	NA	3342.80	
MW-1	11/09/17	3389.00	58.23	na	46.18	na		NA	NA	3342.82	
MW-1	11/15/17	3389.00	58.23	sheen	45.80	sheen		sheen	10.00	3343.20	
MW-1	11/29/17	3389.00	58.23	na	45.85	na		NA	NA	3343.15	
MW-1	12/06/17	3389.00	58.23	sheen	45.77	sheen		NA	NA	3343.23	
MW-1	12/13/17	3389.00	58.23	sheen	47.70	sheen		NA	10.00	3341.30	
MW-1	01/04/18	3389.00	58.23	sheen	45.68	sheen		NA	10.00	3343.32	
MW-1	01/04/18	3389.00	58.23	sheen	45.60	sheen		NA	NA	3343.40	
MW-1	01/17/18	3389.00	58.23	sheen	45.62	sheen		NA	NA	3343.38	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/26/18	3389.00	58.23	sheen	45.53	sheen		NA	NA	3343.47	
MW-1	02/01/18	3389.00	58.23	sheen	45.67	sheen		NA	NA	3343.33	
MW-1	02/08/18	3389.00	58.23	nd	45.51	nd		NA	NA	3343.49	
MW-1	02/14/18	3389.00	58.23	sheen	45.50	sheen		NA	NA	3343.50	
MW-1	02/21/18	3389.00	58.23	sheen	45.56	sheen		NA	NA	3343.44	
MW-1	02/28/18	3389.00	58.23	na	45.47	na		NA	NA	3343.53	
MW-1	03/08/18	3389.00	58.23	sheen	45.56	sheen		NA	NA	3343.44	Sampled
MW-1	03/15/18	3389.00	58.23	na	45.54	na		NA	10.00	3343.46	
MW-1	03/22/18	3389.00	58.23	sheen	45.58	sheen		sheen	10.00	3343.42	
MW-1	03/28/18	3389.00	58.23	na	45.51	na		NA	10.00	3343.49	
MW-1	04/03/18	3389.00	58.23	sheen	45.53	sheen		sheen	10.00	3343.47	
MW-1	04/10/18	3389.00	58.23	sheen	45.57	sheen		sheen	10.00	3343.43	
MW-1	04/19/18	3389.00	58.23	na	45.60	na		NA	10.00	3343.40	
MW-1	04/25/18	3389.00	58.23	na	45.58	na		NA	10.00	3343.42	
MW-1	05/02/18	3389.00	58.23	na	45.45	na		NA	10.00	3343.55	
MW-1	05/10/18	3389.00	58.23	na	45.50	na		NA	10.00	3343.50	
MW-1	05/15/18	3389.00	58.23	sheen	45.48	sheen		NA	NA	3343.52	
MW-1	05/23/18	3389.00	58.23	na	45.50	na		NA	10.00	3343.50	
MW-1	06/06/18	3389.00	50.32	na	45.48	na		NA	NA	3343.52	Sampled
MW-1	06/13/18	3389.00	50.32	sheen	45.51	sheen		NA	10.00	3343.49	
MW-1	06/20/18	3389.00	50.32	na	46.66	na		NA	10.00	3342.34	
MW-1	06/28/18	3389.00	50.32	na	45.48	na		NA	10.00	3343.52	
MW-1	07/05/18	3389.00	50.32	na	45.54	na		NA	10.00	3343.46	
MW-1	07/12/18	3389.00	50.32	na	45.56	na		NA	NA	3343.44	
MW-1	07/20/18	3389.00	50.32	sheen	45.55	sheen		sheen	10.00	3343.45	
MW-1	07/26/18	3389.00	50.32	sheen	56.60	sheen		sheen	10.00	3332.40	
MW-1	08/01/18	3389.00	50.32	na	45.53	na		NA	10.00	3343.47	
MW-1	08/08/18	3389.00	50.32	na	45.47	na		NA	10.00	3343.53	
MW-1	08/14/18	3389.00	50.32	na	45.62	na		NA	10.00	3343.38	
MW-1	08/21/18	3389.00	58.23	sheen	45.45	sheen		sheen	10.00	3343.55	
MW-1	08/30/18	3389.00	58.23	sheen	45.41	sheen		sheen	10.00	3343.59	
MW-1	09/12/18	3389.00	58.23	sheen	45.76	sheen		NA	10.00	3343.24	
MW-1	09/18/18	3389.00	58.23	na	45.68	na		NA	10.00	3343.32	
MW-1	09/26/18	3389.00	58.23	na	45.70	na		NA	10.00	3343.30	
MW-1	10/04/18	3389.00	58.23	sheen	45.75	sheen		NA	10.00	3343.25	
MW-1	10/11/18	3389.00	58.23	sheen	45.77	sheen		NA	10.00	3343.23	
MW-1	10/17/18	3389.00	58.23	sheen	45.55	sheen		NA	10.00	3343.45	
MW-1	10/24/18	3389.00	58.23	na	45.66	na		NA	10.00	3343.34	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/01/18	3389.00	58.23	na	45.68	na		NA	10.00	3343.32	
MW-1	11/07/18	3389.00	50.32	na	45.72	na		NA	10.00	3343.28	Sampled
MW-1	11/13/18	3389.00	50.32	sheen	45.76	sheen		NA	10.00	3343.24	
MW-1	11/21/18	3389.00	50.32	45.67	45.68	0.01		NA	10.00	3343.33	
MW-1	11/29/18	3389.00	50.32	45.59	45.60	0.01		sheen	10.00	3343.41	
MW-1	12/07/18	3389.00	50.32	45.61	45.62	0.01		NA	10.00	3343.39	
MW-1	12/13/18	3389.00	50.32	45.62	45.63	0.01		NA	10.00	3343.38	
MW-1	12/19/18	3389.00	50.32	sheen	45.65	sheen		sheen	10.00	3343.35	
MW-1	01/09/19	3389.00	50.32	45.70	45.72	0.02		sheen	10.00	3343.30	
MW-1	01/30/19	3389.00	50.32	sheen	45.63	sheen		sheen	10.00	3343.37	
MW-1	02/06/19	3389.00	50.32	sheen	45.68	sheen		sheen	10.00	3343.32	
MW-1	02/14/19	3389.00	50.32	45.42	45.44	0.02		sheen	10.00	3343.58	
MW-1	02/28/19	3389.00	50.32	sheen	45.56	sheen		sheen	10.00	3343.44	
MW-1	03/06/19	3389.00	50.32	sheen	45.48	sheen		sheen	10.00	3343.52	
MW-1	04/25/19	3389.00	50.32	sheen	45.35	sheen		sheen	10.00	3343.65	
MW-1	05/01/19	3389.00	50.32	sheen	45.26	sheen		sheen	10.00	3343.74	
MW-1	05/10/19	3389.00	50.32	sheen	45.29	sheen		sheen	10.00	3343.71	
MW-1	05/17/19	3389.00	50.32	sheen	45.30	sheen		sheen	10.00	3343.70	
MW-1	05/24/19	3389.00	50.32	sheen	45.36	sheen		sheen	10.00	3343.64	
MW-1	06/05/19	3389.00	50.32	nd	45.38	nd		NA	10.00	3343.62	
MW-1	06/14/19	3389.00	50.32	sheen	45.20	sheen		sheen	10.00	3343.80	
MW-1	06/20/19	3389.00	50.32	sheen	45.40	sheen		sheen	10.00	3343.60	
MW-1	06/26/19	3389.00	50.32	nd	45.25	nd		na	10.00	3343.75	
MW-1	07/03/19	3389.00	50.32	sheen	45.22	sheen		na	10.00	3343.78	
MW-1	07/11/19	3389.00	50.32	sheen	45.26	sheen		sheen	10.00	3343.74	
MW-1	07/26/19	3389.00	50.32	sheen	46.30	sheen		na	10.00	3342.70	
MW-1	08/10/19	3389.00	50.32	nd	45.17	nd		na	10.00	3343.83	
MW-1	08/15/19	3389.00	50.32	nd	45.18	nd		na	10.00	3343.82	
MW-1	08/27/19	3389.00	50.32	sheen	45.22	sheen		sheen	10.00	3343.78	
MW-1	09/13/19	3389.00	50.32	nd	45.25	nd		NA	10.00	3343.75	
MW-1	09/20/19	3389.00	50.32	nd	45.15	nd		NA	NA	3343.85	
MW-1	10/09/19	3389.00	50.32	sheen	45.12	sheen		NA	10.00	3343.88	
MW-1	10/17/19	3389.00	50.32	nd	45.08	sheen		NA	NA	3343.92	
MW-1	11/01/19	3389.00	50.32	nd	45.09	nd		NA	10.00	3343.91	
MW-1	11/08/19	3389.00	50.32	nd	45.09	sheen		NA	NA	3343.91	
MW-1	11/15/19	3389.00	50.32	45.07	45.10	0.03		sheen	10.00	3343.93	
MW-1	11/19/19	3389.00	50.32	sheen	45.09	sheen		NA	NA	3343.91	
MW-1	11/26/19	3389.00	50.32	45.01	45.04	0.03		sheen	10.00	3343.99	

TABLE 2
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PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	12/03/19	3389.00	50.32	45.05	45.07	0.02		sheen	10.00	3343.95	
MW-1	12/13/19	3389.00	50.32	45.00	45.04	0.04		sheen	10.00	3343.99	
MW-1	12/20/19	3389.00	50.32	45.00	45.07	0.07		sheen	10.00	3343.99	
MW-1	12/27/19	3389.00	50.32	nd	45.02	nd		sheen	10.00	3343.98	
MW-2	12/21/05	3388.28	59.34	NA	45.23	NA	NA	NA	NA	3343.05	Sampled
MW-2	12/29/05	3388.28	NG	NA	45.15	NA	NA	NA	NA	3343.13	
MW-2	01/05/06	3388.28	NG	NA	45.25	NA	NA	NA	NA	3343.03	
MW-2	02/09/06	3388.28	NG	NA	45.02	NA	NA	NA	NA	3343.26	
MW-2	02/22/06	3388.28	NG	NA	45.00	NA	NA	NA	NA	3343.28	
MW-2	03/28/06	3388.28	59.33	NA	44.90	NA	NA	NA	NA	3343.38	Sampled
MW-2	04/13/06	3388.28	NG	NA	44.95	NA	NA	NA	NA	3343.33	
MW-2	04/25/06	3388.28	NG	NA	44.93	NA	NA	NA	NA	3343.35	
MW-2	05/03/06	3388.28	NG	NA	44.88	NA	NA	NA	NA	3343.40	
MW-2	05/11/06	3388.28	NG	NA	44.96	NA	NA	NA	NA	3343.32	
MW-2	05/24/06	3388.28	NG	NA	44.92	NA	NA	NA	NA	3343.36	
MW-2	06/07/06	3388.28	NG	NA	44.91	NA	NA	NA	NA	3343.37	
MW-2	06/15/06	3388.28	NG	NA	44.92	NA	NA	NA	NA	3343.36	Sampled
MW-2	06/29/06	3388.28	NG	NA	45.02	NA	NA	NA	NA	3343.26	
MW-2	07/11/06	3388.28	NG	NA	45.05	NA	NA	NA	NA	3343.23	
MW-2	07/25/06	3388.28	NG	NA	45.13	NA	NA	NA	NA	3343.15	
MW-2	08/09/06	3388.28	59.33	NA	45.19	NA	NA	NA	NA	3343.09	
MW-2	08/22/06	3388.28	NG	NA	45.27	NA	NA	NA	NA	3343.01	
MW-2	09/12/06	3388.28	59.30	NA	45.30	NA	NA	NA	NA	3342.98	Sampled
MW-2	09/19/06	3388.28	59.30	NA	45.33	NA	NA	NA	NA	3342.95	
MW-2	10/03/06	3388.28	59.30	NA	45.32	NA	NA	NA	NA	3342.96	
MW-2	10/17/06	3388.28	NG	NA	45.25	NA	NA	NA	NA	3343.03	
MW-2	10/31/06	3388.28	NG	NA	45.61	NA	NA	NA	NA	3342.67	
MW-2	11/15/06	3388.28	NG	NA	45.18	NA	NA	NA	NA	3343.10	
MW-2	12/06/06	3388.28	59.33	NA	45.05	NA	NA	NA	NA	3343.23	Sampled
MW-2	12/13/06	3388.28	NG	NA	45.36	NA	NA	NA	NA	3342.92	
MW-2	01/03/07	3388.28	NG	NA	44.95	NA	NA	NA	NA	3343.33	
MW-2	01/09/07	3388.28	NG	NA	45.00	NA	NA	NA	NA	3343.28	
MW-2	01/18/07	3388.28	NG	NA	44.92	NA	NA	NA	NA	3343.36	
MW-2	01/25/07	3388.28	NG	NA	44.91	NA	NA	NA	NA	3343.37	
MW-2	01/31/07	3388.28	NG	NA	44.84	NA	NA	NA	NA	3343.44	
MW-2	02/07/07	3388.28	NG	NA	44.86	NA	NA	NA	NA	3343.42	
MW-2	02/14/07	3388.28	NG	NA	44.88	NA	NA	NA	NA	3343.40	

TABLE 2
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LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-2	03/01/07	3388.28	59.33	NA	44.82	NA	NA	NA	NA	3343.46	Sampled
MW-2	05/03/07	3388.28	59.33	NA	44.70	NA	NA	NA	NA	3343.58	
MW-2	05/31/07	3388.28	59.33	NA	44.70	NA	NA	NA	NA	3343.58	
MW-2	06/06/07	3388.28	59.37	NA	44.67	NA	NA	NA	NA	3343.61	
MW-2	07/05/07	3388.28	59.26	NA	44.77	NA	NA	NA	NA	3343.51	
MW-2	07/31/07	3388.28	59.25	NA	44.51	NA	NA	NA	NA	3343.77	
MW-2	09/07/07	3388.28	59.37	NA	44.88	NA	NA	NA	NA	3343.40	Sampled
MW-2	10/04/07	3388.28	59.37	NA	44.95	NA	NA	NA	NA	3343.33	
MW-2	11/13/07	3388.28	59.36	NA	44.95	NA	NA	NA	NA	3343.33	Sampled
MW-2	12/05/07	3388.28	59.36	NA	44.94	NA	NA	NA	NA	3343.34	
MW-2	01/09/08	3388.28	59.33	NA	44.96	NA	NA	NA	NA	3343.32	
MW-2	02/06/08	3388.28	59.33	NA	44.96	NA	NA	NA	NA	3343.32	
MW-2	02/27/08	3388.28	59.28	NA	44.92	NA	NA	NA	NA	3343.36	Sampled
MW-2	04/02/08	3388.28	59.28	NA	44.81	NA	NA	NA	NA	3343.47	
MW-2	05/22/08	3388.28	59.28	NA	44.84	NA	NA	NA	NA	3343.44	Sampled
MW-2	06/26/08	3388.28	59.28	NA	44.97	NA	NA	NA	NA	3343.31	
MW-2	07/07/08	3388.28	59.28	NA	44.94	NA	NA	NA	NA	3343.34	
MW-2	08/20/08	3388.28	59.33	NA	45.00	NA	NA	NA	NA	3343.28	Sampled
MW-2	10/15/08	3388.28	59.33	NA	45.42	NA	NA	NA	NA	3342.86	
MW-2	11/19/08	3388.28	59.33	NA	45.28	NA	NA	NA	NA	3343.00	Sampled
MW-2	12/21/08	3388.28	59.33	NA	45.38	NA	NA	NA	NA	3342.90	
MW-2	01/07/09	3388.28	59.19	NA	45.25	NA	NA	NA	NA	3343.03	
MW-2	02/04/09	3388.28	59.38	NA	45.19	NA	NA	NA	NA	3343.09	
MW-2	02/17/09	3388.28	59.32	NA	45.02	NA	NA	NA	NA	3343.26	Sampled
MW-2	03/04/09	3388.28	59.32	NA	45.07	NA	NA	NA	NA	3343.21	
MW-2	04/08/09	3388.28	59.32	NA	45.13	NA	NA	NA	NA	3343.15	
MW-2	05/06/09	3388.28	59.32	NA	45.31	NA	NA	NA	NA	3342.97	
MW-2	05/19/09	3388.28	59.32	NA	45.33	NA	NA	NA	NA	3342.95	Sample
MW-2	06/03/09	3388.28	59.32	NA	45.34	NA	NA	NA	NA	3342.94	
MW-2	07/15/09	3388.28	59.32	NA	45.35	NA	NA	NA	NA	3342.93	
MW-2	08/05/09	3388.28	59.32	NA	45.27	NA	NA	NA	NA	3343.01	
MW-2	08/26/09	3388.28	59.32	NA	45.36	NA		0.00	7.00	3342.92	Sample
MW-2	09/02/09	3388.28	59.32	NA	45.38	NA	NA	NA	NA	3342.90	
MW-2	10/07/09	3388.28	59.32	NA	45.31	NA	NA	NA	NA	3342.97	
MW-2	11/04/09	3388.28	59.32	NA	45.29	NA	NA	NA	NA	3342.99	
MW-2	11/17/09	3388.28	59.32	NA	45.24	NA	NA	NA	NA	3343.04	Sample
MW-2	12/02/09	3388.28	59.32	NA	45.23	NA	NA	NA	NA	3343.05	
MW-2	01/06/10	3388.38	59.32	NA	45.34	NA	NA	NA	NA	3343.04	

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	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-2	02/09/10	3388.38	59.32	NA	45.57	NA	NA	NA	NA	3342.81	Sample
MW-2	03/10/10	3388.38	59.32	NA	45.54	NA	NA	NA	NA	3342.84	
MW-2	04/07/10	3388.38	59.32	NA	45.61	NA	NA	NA	NA	3342.77	
MW-2	05/05/10	3388.38	59.32	NA	45.71	NA	NA	NA	NA	3342.67	
MW-2	05/12/10	3388.38	59.32	NA	45.68	NA	NA	NA	NA	3342.70	Sample
MW-2	06/02/10	3388.38	59.32	NA	45.52	NA	NA	NA	NA	3342.86	
MW-2	07/07/10	3388.38	59.32	NA	45.34	NA	NA	NA	NA	3343.04	
MW-2	08/03/10	3388.38	59.32	NA	45.56	NA	NA	NA	NA	3342.82	
MW-2	08/26/10	3388.38	59.32	NA	45.58	NA	NA	NA	NA	3342.80	Sample
MW-2	09/01/10	3388.38	59.32	NA	45.47	NA	NA	NA	NA	3342.91	
MW-2	10/13/10	3388.38	59.32	NA	45.58	NA	NA	NA	NA	3342.80	
MW-2	11/18/10	3388.38	59.32	NA	45.79	NA	NA	NA	NA	3342.59	Sample
MW-2	11/23/10	3388.38	59.32	NA	45.81	NA	NA	NA	NA	3342.57	
MW-2	12/08/10	3388.38	59.32	NA	45.83	NA	NA	NA	NA	3342.55	
MW-2	01/12/11	3388.38	59.32	NA	45.87	NA	NA	NA	NA	3342.51	
MW-2	02/08/11	3388.38	59.32	NA	45.80	NA	NA	NA	NA	3342.58	
MW-2	02/24/11	3388.38	59.32	NA	45.73	NA	NA	NA	NA	3342.65	Sampled
MW-2	03/08/11	3388.38	59.32	NA	45.80	NA	NA	NA	NA	3342.58	
MW-2	04/13/11	3388.38	59.32	NA	46.90	NA	NA	NA	NA	3341.48	
MW-2	05/31/11	3388.38	59.32	NA	46.18	NA	NA	NA	NA	3342.20	Sampled
MW-2	07/06/11	3388.38	59.32	NA	46.28	NA	NA	NA	NA	3342.10	
MW-2	08/29/11	3388.38	59.32	NA	46.76	NA	NA	NA	NA	3341.62	Sampled
MW-2	09/14/11	3388.38	59.32	NA	46.79	NA	NA	NA	NA	3341.59	
MW-2	10/12/11	3388.38	59.32	NA	46.81	NA	NA	NA	NA	3341.57	
MW-2	11/28/11	3388.38	59.32	NA	46.93	NA	NA	NA	NA	3341.45	Sampled
MW-2	12/27/11	3388.38	59.32	NA	46.95	NA	NA	NA	NA	3341.43	
MW-2	01/18/12	3388.38	59.32	NA	46.80	NA	NA	NA	NA	3341.58	
MW-2	02/02/12	3388.38	59.32	NA	46.73	NA	NA	NA	NA	3341.65	
MW-2	02/15/12	3388.38	59.32	NA	46.66	NA	NA	NA	NA	3341.72	
MW-2	02/22/12	3388.38	59.32	NA	46.60	NA	NA	NA	NA	3341.78	
MW-2	04/20/12	3388.38	59.32	NA	46.61	NA	NA	NA	NA	3341.77	
MW-2	05/22/12	3388.38	59.32	NA	46.86	NA	NA	NA	NA	3341.52	
MW-2	07/18/12	3388.38	59.32	NA	47.32	NA	NA	NA	NA	3341.06	
MW-2	09/11/12	3388.38	59.32	NA	47.23	NA	NA	NA	NA	3341.15	
MW-2	10/16/12	3388.38	59.32	NA	47.22	NA	NA	NA	NA	3341.16	
MW-2	11/26/12	3388.38	59.32	NA	47.22	NA	NA	NA	NA	3341.16	
MW-2	12/11/12	3388.38	59.32	NA	47.20	NA	NA	NA	NA	3341.18	
MW-2	02/27/13	3388.38	59.32	NA	47.18	NA	NA	NA	NA	3341.20	

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								PSH	H ₂ O		
MW-2	06/10/13	3388.38	59.32	NA	47.28	NA	NA	NA	NA	3341.10	
MW-2	08/14/13	3388.38	59.32	NA	47.62	NA	NA	NA	NA	3340.76	
MW-2	09/11/13	3388.38	59.32	NA	47.74	NA	NA	NA	NA	3340.64	
MW-2	12/11/13	3388.38	59.32	NA	48.07	NA	NA	NA	NA	3340.31	
MW-2	02/26/14	3388.38	59.32	NA	48.42	NA		NA	NA	3339.96	
MW-2	03/05/14	3388.38	59.32	NA	48.40	NA		NA	NA	3339.98	Sampled
MW-2	06/06/14	3388.38	59.32	NA	48.54	NA		NA	NA	3339.84	Sampled
MW-2	09/18/14	3388.38	59.33	NA	48.52	NA		NA	NA	3339.86	Sampled
MW-2	11/12/14	3388.38	59.33	NA	48.20	NA		NA	NA	3340.18	Sampled
MW-2	02/24/15	3388.38	59.30	NA	47.87	NA		NA	NA	3340.51	Sampled
MW-2	06/13/15	3388.38	59.31	NA	47.28	NA		NA	NA	3341.10	Sampled
MW-2	08/27/15	3388.38	59.31	NA	47.45	NA		NA	NA	3340.93	Sampled
MW-2	11/15/15	3388.38	59.31	NA	47.63	NA		NA	NA	3340.75	Sampled
MW-2	03/08/16	3388.38	59.31	NA	47.19	NA		NA	NA	3341.19	Sampled
MW-2	05/20/16	3388.38	59.31	NA	47.06	NA		NA	NA	3341.32	Sampled
MW-2	09/21/16	3388.38	59.31	NA	47.08	NA		NA	NA	3341.30	Sampled
MW-2	12/16/16	3388.38	59.31	NA	46.62	NA		NA	NA	3341.76	Sampled
MW-2	05/16/17	3388.38	59.31	NA	46.25	NA		NA	NA	3342.13	Sampled
MW-2	09/13/17	3388.38	59.31	NA	45.95	NA		NA	NA	3342.43	Sampled
MW-2	11/29/17	3388.38	59.31	NA	45.76	NA		NA	NA	3342.62	Sampled
MW-2	03/08/18	3388.38	59.31	NA	45.55	NA		NA	NA	3342.83	Sampled
MW-2	06/07/18	3388.38	59.31	NA	45.52	NA		NA	NA	3342.86	Sampled
MW-2	09/12/18	3388.38	59.31	NA	45.76	NA		NA	NA	3342.62	Sampled
MW-2	11/29/18	3388.38	59.31	NA	45.62	NA		NA	NA	3342.76	Sampled
MW-2	02/14/19	3388.38	59.31	NA	45.44	NA		NA	NA	3342.94	Sampled
MW-2	05/10/19	3388.38	59.31	NA	45.32	NA		NA	NA	3343.06	Sampled
MW-2	08/27/19	3388.38	59.31	NA	45.24	NA		NA	NA	3343.14	Sampled
MW-2	11/19/19	3388.38	59.31	NA	45.08	NA		NA	NA	3343.30	Sampled
MW-3	12/21/05	3388.62	59.69	NA	45.57	NA	NA	NA	NA	3343.05	Sampled
MW-3	12/29/05	3388.62	NG	NA	45.52	NA	NA	NA	NA	3343.10	
MW-3	01/05/06	3388.62	NG	NA	45.60	NA	NA	NA	NA	3343.02	
MW-3	02/09/06	3388.62	NG	NA	45.41	NA	NA	NA	NA	3343.21	
MW-3	02/22/06	3388.62	NG	NA	45.33	NA	NA	NA	NA	3343.29	
MW-3	03/28/06	3388.62	59.70	NA	45.23	NA	NA	NA	NA	3343.39	Sampled
MW-3	04/13/06	3388.62	NG	NA	45.31	NA	NA	NA	NA	3343.31	
MW-3	04/25/06	3388.62	NG	NA	45.30	NA	NA	NA	NA	3343.32	
MW-3	05/03/06	3388.62	NG	NA	45.23	NA	NA	NA	NA	3343.39	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-3	05/11/06	3388.62	NG	NA	45.36	NA	NA	NA	NA	3343.26	
MW-3	05/24/06	3388.62	NG	NA	45.28	NA	NA	NA	NA	3343.34	
MW-3	06/07/06	3388.62	NG	NA	45.28	NA	NA	NA	NA	3343.34	
MW-3	06/15/06	3388.62	NG	NA	45.30	NA	NA	NA	NA	3343.32	Sampled
MW-3	06/29/06	3388.62	NG	NA	45.39	NA	NA	NA	NA	3343.23	
MW-3	07/11/06	3388.62	NG	NA	45.41	NA	NA	NA	NA	3343.21	
MW-3	07/25/06	3388.62	NG	NA	45.50	NA	NA	NA	NA	3343.12	
MW-3	08/09/06	3388.62	59.70	NA	45.57	NA	NA	NA	NA	3343.05	
MW-3	08/22/06	3388.62	NG	NA	45.63	NA	NA	NA	NA	3342.99	
MW-3	09/12/06	3388.62	59.68	NA	45.65	NA	NA	NA	NA	3342.97	Sampled
MW-3	09/19/06	3388.62	NG	NA	45.69	NA	NA	NA	NA	3342.93	
MW-3	10/03/06	3388.62	NG	NA	45.67	NA	NA	NA	NA	3342.95	
MW-3	10/17/06	3388.62	NG	NA	45.62	NA	NA	NA	NA	3343.00	
MW-3	10/31/06	3388.62	NG	NA	45.23	NA	NA	NA	NA	3343.39	
MW-3	11/15/06	3388.62	NG	NA	45.57	NA	NA	NA	NA	3343.05	
MW-3	12/06/06	3388.62	59.62	NA	45.45	NA	NA	NA	NA	3343.17	Sampled
MW-3	12/13/06	3388.62	NG	NA	45.73	NA	NA	NA	NA	3342.89	
MW-3	01/03/07	3388.62	NG	NA	45.32	NA	NA	NA	NA	3343.30	
MW-3	01/09/07	3388.62	NG	NA	45.36	NA	NA	NA	NA	3343.26	
MW-3	01/18/07	3388.62	NG	NA	45.29	NA	NA	NA	NA	3343.33	
MW-3	01/25/07	3388.62	NG	NA	45.28	NA	NA	NA	NA	3343.34	
MW-3	01/31/07	3388.62	NG	NA	45.20	NA	NA	NA	NA	3343.42	
MW-3	02/07/07	3388.62	NG	NA	45.24	NA	NA	NA	NA	3343.38	
MW-3	02/14/07	3388.62	NG	NA	45.27	NA	NA	NA	NA	3343.35	
MW-3	03/01/07	3388.62	59.67	NA	45.20	NA	NA	NA	NA	3343.42	Sampled
MW-3	05/03/07	3388.62	59.67	NA	45.08	NA	NA	NA	NA	3343.54	
MW-3	05/31/07	3388.62	59.70	NA	45.10	NA	NA	NA	NA	3343.52	Sampled
MW-3	06/06/07	3388.62	59.70	NA	45.08	NA	NA	NA	NA	3343.54	
MW-3	07/05/07	3388.62	59.71	NA	45.19	NA	NA	NA	NA	3343.43	
MW-3	07/31/07	3388.62	59.71	NA	45.21	NA	NA	NA	NA	3343.41	
MW-3	09/06/07	3388.62	59.70	NA	45.42	NA	NA	NA	NA	3343.20	Sampled
MW-3	10/04/07	3388.62	59.70	NA	45.37	NA	NA	NA	NA	3343.25	
MW-3	11/13/07	3388.62	59.70	NA	45.38	NA	NA	NA	NA	3343.24	Sampled
MW-3	12/05/07	3388.62	59.70	NA	45.34	NA	NA	NA	NA	3343.28	
MW-3	01/09/08	3388.62	59.65	NA	45.34	NA	NA	NA	NA	3343.28	
MW-3	02/06/08	3388.62	59.65	NA	45.35	NA	NA	NA	NA	3343.27	
MW-3	02/27/08	3388.62	59.68	NA	45.30	NA	NA	NA	NA	3343.32	Sampled
MW-3	04/02/08	3388.62	59.68	NA	45.28	NA	NA	NA	NA	3343.34	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-3	05/22/08	3388.62	59.68	NA	45.24	NA	NA	NA	NA	3343.38	Sampled
MW-3	06/26/08	3388.62	59.68	NA	45.32	NA	NA	NA	NA	3343.30	
MW-3	07/07/08	3388.62	59.68	NA	45.72	NA	NA	NA	NA	3342.90	
MW-3	08/20/08	3388.62	59.70	NA	45.35	NA	NA	NA	NA	3343.27	Sampled
MW-3	10/15/08	3388.62	59.72	NA	45.82	NA	NA	NA	NA	3342.80	
MW-3	11/19/08	3388.62	59.72	NA	45.66	NA	NA	NA	NA	3342.96	Sampled
MW-3	12/21/08	3388.62	59.72	NA	45.75	NA	NA	NA	NA	3342.87	
MW-3	01/07/09	3388.62	59.71	NA	45.66	NA	NA	NA	NA	3342.96	
MW-3	02/04/09	3388.62	59.75	NA	45.56	NA	NA	NA	NA	3343.06	
MW-3	02/17/09	3388.62	59.30	NA	45.39	NA	NA	NA	NA	3343.23	Sampled
MW-3	03/04/09	3388.62	59.30	NA	45.46	NA	NA	NA	NA	3343.16	
MW-3	04/08/09	3388.62	59.30	NA	45.51	NA	NA	NA	NA	3343.11	
MW-3	05/06/09	3388.62	59.30	NA	45.70	NA	NA	NA	NA	3342.92	
MW-3	05/19/09	3388.62	59.30	NA	45.70	NA		0.00	7.00	3342.92	Sampled
MW-3	06/03/09	3388.62	59.30	NA	45.70	NA	NA	NA	NA	3342.92	
MW-3	07/15/09	3388.62	59.30	NA	45.75	NA	NA	NA	NA	3342.87	
MW-3	08/05/09	3388.62	59.30	NA	45.62	NA	NA	NA	NA	3343.00	
MW-3	08/26/09	3388.62	59.70	NA	45.75	NA		0.00	7.00	3342.87	Sampled
MW-3	09/02/09	3388.62	59.70	NA	45.75	NA	NA	NA	NA	3342.87	
MW-3	10/07/09	3388.62	59.70	NA	45.67	NA	NA	NA	NA	3342.95	
MW-3	11/04/09	3388.62	59.70	NA	45.64	NA	NA	NA	NA	3342.98	
MW-3	11/17/09	3388.62	59.70	NA	45.66	NA	NA	NA	NA	3342.96	Sampled
MW-3	12/02/09	3388.62	59.70	NA	45.60	NA	NA	NA	NA	3343.02	
MW-3	01/06/10	3388.52	59.70	NA	45.74	NA	NA	NA	NA	3342.78	
MW-3	02/09/10	3388.52	59.70	NA	45.95	NA	NA	NA	NA	3342.57	Sampled
MW-3	03/10/10	3388.52	59.70	NA	45.98	NA	NA	NA	NA	3342.54	
MW-3	04/07/10	3388.52	59.70	NA	46.05	NA	NA	NA	NA	3342.47	
MW-3	05/05/10	3388.52	59.70	NA	46.14	NA	NA	NA	NA	3342.38	
MW-3	05/12/10	3388.52	59.70	NA	46.15	NA	NA	NA	NA	3342.37	Sampled
MW-3	06/02/10	3388.52	59.70	NA	45.91	NA	NA	NA	NA	3342.61	
MW-3	07/07/10	3388.52	59.70	NA	45.72	NA	NA	NA	NA	3342.80	
MW-3	08/03/10	3388.52	59.70	NA	45.95	NA	NA	NA	NA	3342.57	
MW-3	08/26/10	3388.52	59.70	NA	45.94	NA	NA	NA	NA	3342.58	Sampled
MW-3	09/01/10	3388.52	59.70	NA	45.84	NA	NA	NA	NA	3342.68	
MW-3	10/13/10	3388.52	59.70	NA	45.93	NA	NA	NA	NA	3342.59	
MW-3	11/18/10	3388.52	59.70	NA	46.20	NA	NA	NA	NA	3342.32	Sampled
MW-3	11/23/10	3388.52	59.70	NA	46.22	NA	NA	NA	NA	3342.30	
MW-3	12/08/10	3388.52	59.70	NA	46.24	NA	NA	NA	NA	3342.28	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-3	01/12/11	3388.52	59.70	NA	46.27	NA	NA	NA	NA	3342.25	
MW-3	02/08/11	3388.52	59.70	NA	46.17	NA	NA	NA	NA	3342.35	
MW-3	02/24/11	3388.52	59.70	NA	46.11	NA	NA	NA	NA	3342.41	Sampled
MW-3	03/08/11	3388.52	59.70	NA	46.19	NA	NA	NA	NA	3342.33	
MW-3	04/13/11	3388.52	59.70	NA	46.30	NA	NA	NA	NA	3342.22	
MW-3	05/31/11	3388.52	59.70	NA	46.57	NA	NA	NA	NA	3341.95	Sampled
MW-3	07/06/11	3388.52	59.70	NA	46.65	NA	NA	NA	NA	3341.87	
MW-3	08/29/11	3388.52	59.70	NA	47.18	NA	NA	NA	NA	3341.34	Sampled
MW-3	09/14/11	3388.52	59.70	NA	47.19	NA	NA	NA	NA	3341.33	
MW-3	10/12/11	3388.52	59.70	NA	47.29	NA	NA	NA	NA	3341.23	
MW-3	11/28/11	3388.52	59.70	NA	47.32	NA	NA	NA	NA	3341.20	Sampled
MW-3	12/27/11	3388.52	59.70	NA	47.39	NA	NA	NA	NA	3341.13	
MW-3	01/18/12	3388.52	59.70	NA	47.15	NA	NA	NA	NA	3341.37	
MW-3	02/02/12	3388.52	59.70	NA	47.01	NA	NA	NA	NA	3341.51	
MW-3	02/15/12	3388.52	59.70	NA	47.00	NA	NA	NA	NA	3341.52	
MW-3	02/22/12	3388.52	59.70	NA	46.90	NA	NA	NA	NA	3341.62	
MW-3	04/20/12	3388.52	59.70	NA	46.99	NA	NA	NA	NA	3341.53	
MW-3	05/22/12	3388.52	59.70	NA	47.25	NA	NA	NA	NA	3341.27	
MW-3	07/18/12	3388.52	59.70	NA	47.73	NA	NA	NA	NA	3340.79	Sampled
MW-3	09/11/12	3388.52	59.70	NA	47.57	NA	NA	NA	NA	3340.95	
MW-3	10/16/12	3388.52	59.70	NA	47.54	NA	NA	NA	NA	3340.98	
MW-3	11/26/12	3388.52	59.70	NA	47.55	NA	NA	NA	NA	3340.97	
MW-3	12/11/12	3388.52	59.70	NA	47.53	NA	NA	NA	NA	3340.99	
MW-3	02/27/13	3388.52	59.70	NA	47.50	NA	NA	NA	NA	3341.02	
MW-3	06/10/13	3388.52	59.70	NA	47.60	NA	NA	NA	NA	3340.92	
MW-3	08/14/13	3388.52	59.70	NA	47.99	NA	NA	NA	NA	3340.53	
MW-3	09/11/13	3388.52	59.70	NA	48.09	NA	NA	NA	NA	3340.43	
MW-3	12/11/13	3388.52	59.70	NA	48.44	NA	NA	NA	NA	3340.08	
MW-3	02/26/14	3388.52	59.70	NA	48.80	NA		NA	NA	3339.72	
MW-3	03/05/14	3388.52	59.70	NA	48.75	NA		NA	NA	3339.77	Sampled
MW-3	06/06/14	3388.52	59.70	NA	48.94	NA		NA	NA	3339.58	Sampled
MW-3	09/18/14	3388.52	59.76	NA	48.86	NA		NA	NA	3339.66	Sampled
MW-3	11/12/14	3388.52	59.76	NA	48.50	NA		NA	NA	3340.02	Sampled
MW-3	02/24/15	3388.52	59.68	NA	48.18	NA		NA	NA	3340.34	Sampled
MW-3	06/13/15	3388.52	59.68	NA	47.61	NA		NA	NA	3340.91	Sampled
MW-3	08/27/15	3388.52	59.68	NA	47.80	NA		NA	NA	3340.72	Sampled
MW-3	11/15/15	3388.52	59.68	NA	47.96	NA		NA	NA	3340.56	Sampled
MW-3	03/08/16	3388.52	59.68	NA	47.55	NA		NA	NA	3340.97	Sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-3	05/20/16	3388.52	59.68	NA	47.41	NA		NA	NA	3341.11	Sampled
MW-3	09/21/16	3388.52	59.68	NA	47.44	NA		NA	NA	3341.08	Sampled
MW-3	12/16/16	3388.52	59.68	NA	47.00	NA		NA	NA	3341.52	Sampled
MW-3	05/16/17	3388.52	59.68	NA	46.55	NA		NA	NA	3341.97	Sampled
MW-3	09/13/17	3388.52	59.68	NA	46.30	NA		NA	NA	3342.22	Sampled
MW-3	11/29/17	3388.52	59.68	NA	46.11	NA		NA	NA	3342.41	Sampled
MW-3	03/08/18	3388.52	59.68	NA	45.93	NA		NA	NA	3342.59	Sampled
MW-3	06/06/18	3388.52	59.68	NA	45.87	NA		NA	NA	3342.65	Sampled
MW-3	09/12/18	3388.52	59.68	NA	46.11	NA		NA	NA	3342.41	Sampled
MW-3	06/06/18	3388.52	59.68	NA	45.96	NA		NA	NA	3342.56	Sampled
MW-3	02/14/19	3388.52	59.68	NA	45.79	NA		NA	NA	3342.73	Sampled
MW-3	05/10/19	3388.52	59.68	NA	45.67	NA		NA	NA	3342.85	Sampled
MW-3	08/27/19	3388.52	59.68	NA	46.58	NA		NA	NA	3341.94	Sampled
MW-3	11/19/19	3388.52	59.68	NA	45.44	NA		NA	NA	3343.08	Sampled
MW-4	03/21/06	3388.92	59.80	NA	46.12	NA	NA	NA	NA	3342.80	
MW-4	03/28/06	3388.92	59.06	NA	46.03	NA	NA	NA	NA	3342.89	Sampled
MW-4	04/13/06	3388.92	NG	NA	46.08	NA	NA	NA	NA	3342.84	
MW-4	04/25/06	3388.92	NG	NA	46.01	NA	NA	NA	NA	3342.91	
MW-4	05/03/06	3388.92	59.05	NA	46.01	NA		7.00	0.00	3342.91	
MW-4	05/03/06	3388.92	NG	NA	46.01	NA	NA	NA	NA	3342.91	
MW-4	05/11/06	3388.92	NG	NA	46.07	NA	NA	NA	NA	3342.85	
MW-4	05/24/06	3388.92	NG	NA	46.05	NA	NA	NA	NA	3342.87	
MW-4	06/07/06	3388.92	NG	NA	46.03	NA	NA	NA	NA	3342.89	
MW-4	06/15/06	3388.92	NG	NA	46.05	NA	NA	NA	NA	3342.87	Sampled
MW-4	06/29/06	3388.92	NG	NA	46.15	NA	NA	NA	NA	3342.77	
MW-4	07/11/06	3388.92	NG	NA	46.18	NA	NA	NA	NA	3342.74	
MW-4	07/25/06	3388.92	NG	NA	46.24	NA	NA	NA	NA	3342.68	
MW-4	08/09/06	3388.92	59.01	NA	46.33	NA	NA	NA	NA	3342.59	
MW-4	08/22/06	3388.92	NG	NA	46.37	NA	NA	NA	NA	3342.55	
MW-4	09/12/06	3388.92	59.01	NA	46.41	NA	NA	NA	NA	3342.51	Sampled
MW-4	09/19/06	3388.92	59.01	NA	46.46	NA	NA	NA	NA	3342.46	
MW-4	10/03/06	3388.92	59.01	NA	46.45	NA	NA	NA	NA	3342.47	
MW-4	10/17/06	3388.92	NG	NA	46.38	NA	NA	NA	NA	3342.54	
MW-4	10/31/06	3388.92	NG	NA	46.36	NA	NA	NA	NA	3342.56	
MW-4	11/15/06	3388.92	NG	NA	46.78	NA	NA	NA	NA	3342.14	
MW-4	12/06/06	3388.92	58.92	NA	46.25	NA	NA	NA	NA	3342.67	Sampled
MW-4	12/13/06	3388.92	NG	NA	46.51	NA	NA	NA	NA	3342.41	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	01/03/07	3388.92	NG	NA	46.06	NA	NA	NA	NA	3342.86	
MW-4	01/09/07	3388.92	NG	NA	46.18	NA	NA	NA	NA	3342.74	
MW-4	01/18/07	3388.92	NG	NA	46.10	NA	Hand Bailed	0.00	10.00	3342.82	Bailed 11 Min
MW-4	01/18/07	3388.92	NG	NA	46.15	NA	Hand Bailed	0.00	10.00	3342.77	Bailed 11 Min
MW-4	01/18/07	3388.92	NG	NA	46.10	NA	NA	NA	NA	3342.82	
MW-4	01/25/07	3388.92	NG	NA	46.06	NA	NA	NA	NA	3342.86	
MW-4	01/31/07	3388.92	NG	NA	45.98	NA	NA	NA	NA	3342.94	
MW-4	02/07/07	3388.92	NG	NA	46.43	NA	NA	NA	NA	3342.49	
MW-4	02/14/07	3388.92	NG	NA	46.46	NA	NA	NA	NA	3342.46	
MW-4	03/01/07	3388.92	58.95	NA	45.98	NA	NA	NA	NA	3342.94	Sampled
MW-4	05/03/07	3388.92	58.95	NA	45.90	NA	NA	NA	NA	3343.02	
MW-4	05/31/07	3388.92	58.96	NA	45.92	NA	NA	NA	NA	3343.00	Sampled
MW-4	06/06/07	3388.92	58.95	NA	45.88	NA	NA	NA	NA	3343.04	
MW-4	07/05/07	3388.92	58.94	NA	45.98	NA	NA	NA	NA	3342.94	
MW-4	07/31/07	3388.92	58.95	NA	46.00	NA	NA	NA	NA	3342.92	
MW-4	09/07/07	3388.92	58.95	NA	46.10	NA	NA	NA	NA	3342.82	Sampled
MW-4	09/13/07	3388.92	58.95	NA	46.27	NA	Pumped	100.00	100.00	3342.65	
MW-4	09/13/07	3388.92	58.95	NA	46.88	NA	NA	NA	NA	3342.04	
MW-4	09/18/07	3388.92	58.95	NA	46.11	NA	Bailed	0.00	50.00	3342.81	
MW-4	09/18/07	3388.92	58.95	NA	46.60	NA	NA	NA	NA	3342.32	
MW-4	09/26/07	3388.92	58.95	NA	46.16	NA	NA	0.00	50.00	3342.76	
MW-4	09/26/07	3388.92	58.95	NA	46.73	NA	Pumped	NA	NA	3342.19	
MW-4	10/04/07	3388.92	58.95	NA	46.15	NA	NA	0.00	50.00	3342.77	
MW-4	10/04/07	3388.92	58.93	NA	46.99	NA	Pumped	NA	NA	3341.93	
MW-4	10/10/07	3388.92	58.95	NA	46.21	NA	NA	0.00	50.00	3342.71	
MW-4	10/10/07	3388.92	58.93	NA	46.92	NA	Pumped	NA	NA	3342.00	
MW-4	10/17/07	3388.92	58.95	NA	46.20	NA	NA	0.00	50.00	3342.72	
MW-4	10/17/07	3388.92	58.93	NA	46.74	NA	Pumped	NA	NA	3342.18	
MW-4	10/24/07	3388.92	58.95	NA	45.25	NA	NA	0.00	50.00	3343.67	
MW-4	10/24/07	3388.92	58.93	NA	45.30	NA	Pumped	NA	NA	3343.62	
MW-4	11/07/07	3388.92	58.95	NA	46.27	NA	NA	0.00	50.00	3342.65	
MW-4	11/07/07	3388.92	58.93	NA	46.30	NA	Pumped	NA	NA	3342.62	
MW-4	11/13/07	3388.92	58.93	NA	46.20	NA	NA	NA	NA	3342.72	Sampled
MW-4	12/05/07	3388.92	58.93	NA	46.15	NA	NA	NA	NA	3342.77	
MW-4	01/09/08	3388.92	58.90	NA	46.12	NA	NA	NA	NA	3342.80	
MW-4	02/06/08	3388.92	58.90	NA	46.16	NA	Pumped	0.00	20.00	3342.76	
MW-4	02/06/08	3388.92	58.90	NA	46.16	NA	NA	NA	NA	3342.76	
MW-4	02/13/08	3388.92	58.90	NA	46.11	NA	Pumped	0.00	20.00	3342.81	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	02/13/08	3388.92	58.90	NA	46.11	NA	NA	NA	NA	3342.81	
MW-4	02/19/08	3388.92	58.90	NA	46.11	NA	Pumped	0.00	20.00	3342.81	
MW-4	02/19/08	3388.92	58.90	NA	46.13	NA	NA	NA	NA	3342.79	
MW-4	02/27/08	3388.92	59.92	NA	46.11	NA	Pumped	0.00	20.00	3342.81	Sampled
MW-4	02/27/08	3388.92	58.90	NA	46.14	NA	NA	NA	NA	3342.78	
MW-4	03/04/08	3388.92	59.92	NA	46.10	NA	Pumped	0.00	20.00	3342.82	
MW-4	03/04/08	3388.92	58.90	NA	46.13	NA	NA	NA	NA	3342.79	
MW-4	03/12/08	3388.92	59.92	NA	46.08	NA	Pumped	0.00	20.00	3342.84	
MW-4	03/12/08	3388.92	58.90	NA	46.10	NA	NA	NA	NA	3342.82	
MW-4	03/19/08	3388.92	59.92	NA	46.11	NA	Pumped	0.00	20.00	3342.81	
MW-4	03/19/08	3388.92	58.90	NA	46.12	NA	NA	NA	NA	3342.80	
MW-4	03/26/08	3388.92	59.92	NA	46.05	NA	Pumped	0.00	20.00	3342.87	
MW-4	03/26/08	3388.92	58.90	NA	46.07	NA	NA	NA	NA	3342.85	
MW-4	04/02/08	3388.92	59.92	NA	46.07	NA	Pumped	0.00	20.00	3342.85	
MW-4	04/02/08	3388.92	58.90	NA	46.03	NA	NA	NA	NA	3342.89	
MW-4	04/09/08	3388.92	59.92	NA	45.99	NA	Pumped	0.00	20.00	3342.93	
MW-4	04/09/08	3388.92	58.90	NA	45.96	NA	NA	NA	NA	3342.96	
MW-4	04/16/08	3388.92	59.92	NA	45.98	NA	Pumped	0.00	20.00	3342.94	
MW-4	04/16/08	3388.92	58.90	NA	45.96	NA	NA	NA	NA	3342.96	
MW-4	04/24/08	3388.92	58.90	NA	45.96	NA	NA	NA	NA	3342.96	
MW-4	04/30/08	3388.92	58.90	NA	45.93	NA	Pumped	0.00	20.00	3342.99	
MW-4	04/30/08	3388.92	58.90	NA	45.95	NA	NA	NA	NA	3342.97	
MW-4	05/07/08	3388.92	58.90	NA	45.94	NA	Pumped	0.00	20.00	3342.98	
MW-4	05/07/08	3388.92	58.90	NA	45.94	NA	NA	NA	NA	3342.98	
MW-4	05/14/08	3388.92	58.90	NA	45.95	NA	Pumped	0.00	20.00	3342.97	
MW-4	05/14/08	3388.92	58.90	NA	45.96	NA	NA	NA	NA	3342.96	
MW-4	05/22/08	3388.92	58.90	NA	45.99	NA	Pumped	0.00	20.00	3342.93	Sampled
MW-4	05/22/08	3388.92	58.90	NA	45.99	NA	NA	NA	NA	3342.93	
MW-4	05/29/08	3388.92	58.90	NA	46.00	NA	NA	0.00	20.00	3342.92	
MW-4	05/29/08	3388.92	58.90	NA	46.01	NA	Pumped	NA	NA	3342.91	
MW-4	06/04/08	3388.92	58.90	NA	46.03	NA	NA	0.00	20.00	3342.89	
MW-4	06/04/08	3388.92	58.90	NA	46.02	NA	Pumped	NA	NA	3342.90	
MW-4	06/11/08	3388.92	58.90	NA	46.07	NA	NA	0.00	20.00	3342.85	
MW-4	06/11/08	3388.92	58.90	NA	46.09	NA	Pumped	NA	NA	3342.83	
MW-4	06/18/08	3388.92	58.90	NA	46.08	NA	NA	0.00	20.00	3342.84	
MW-4	06/18/08	3388.92	58.90	NA	46.10	NA	Pumped	NA	NA	3342.82	
MW-4	06/26/08	3388.92	58.90	NA	46.10	NA	NA	0.00	20.00	3342.82	
MW-4	06/26/08	3388.92	58.90	NA	46.13	NA	Pumped	NA	NA	3342.79	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	07/07/08	3388.92	58.90	NA	46.14	NA	NA	0.00	20.00	3342.78	
MW-4	07/07/08	3388.92	58.90	NA	46.15	NA	Pumped	NA	NA	3342.77	
MW-4	07/16/08	3388.92	58.90	NA	46.15	NA	NA	0.00	20.00	3342.77	
MW-4	07/16/08	3388.92	58.90	NA	46.17	NA	Pumped	NA	NA	3342.75	
MW-4	07/21/08	3388.92	58.90	NA	46.15	NA	NA	0.00	20.00	3342.77	
MW-4	07/21/08	3388.92	58.90	NA	46.16	NA	Pumped	NA	NA	3342.76	
MW-4	07/29/08	3388.92	58.90	NA	46.16	NA	NA	0.00	20.00	3342.76	
MW-4	07/29/08	3388.92	58.90	NA	46.16	NA	Pumped	NA	NA	3342.76	
MW-4	08/06/08	3388.92	58.90	NA	46.17	NA	NA	NA	NA	3342.75	
MW-4	08/13/08	3388.92	58.90	NA	46.16	NA	Pumped	0.00	20.00	3342.76	
MW-4	08/13/08	3388.92	58.90	NA	46.17	NA	NA	NA	NA	3342.75	
MW-4	08/20/08	3388.92	58.93	NA	46.20	NA	NA	NA	NA	3342.72	Sampled
MW-4	08/27/08	3388.92	58.93	NA	47.22	NA	Pumped	0.00	20.00	3341.70	
MW-4	08/27/08	3388.92	58.93	NA	47.24	NA	NA	NA	NA	3341.68	
MW-4	09/02/08	3388.92	58.93	NA	47.24	NA	Pumped	0.00	20.00	3341.68	
MW-4	09/02/08	3388.92	58.93	NA	47.24	NA	NA	NA	NA	3341.68	
MW-4	09/09/08	3388.92	58.93	NA	47.24	NA	Pumped	0.00	40.00	3341.68	
MW-4	09/09/08	3388.92	58.93	NA	47.26	NA	NA	NA	NA	3341.66	
MW-4	09/17/08	3388.92	58.93	NA	47.26	NA	Pumped	0.00	20.00	3341.66	
MW-4	09/17/08	3388.92	58.93	NA	47.27	NA	NA	NA	NA	3341.65	
MW-4	09/24/08	3388.92	58.93	NA	46.49	NA	Pumped	0.00	20.00	3342.43	
MW-4	09/24/08	3388.92	58.93	NA	46.51	NA	NA	NA	NA	3342.41	
MW-4	10/01/08	3388.92	58.93	NA	46.48	NA	Pumped	0.00	20.00	3342.44	
MW-4	10/01/08	3388.92	58.93	NA	46.50	NA	NA	NA	NA	3342.42	
MW-4	10/08/08	3388.92	58.93	NA	46.58	NA	Pumped	0.00	20.00	3342.34	
MW-4	10/08/08	3388.92	58.93	NA	46.58	NA	NA	NA	NA	3342.34	
MW-4	11/05/08	3388.92	58.93	NA	46.46	NA	Pumped	0.00	10.00	3342.46	
MW-4	11/05/08	3388.92	58.93	NA	47.57	NA	NA	NA	NA	3341.35	
MW-4	11/12/08	3388.92	58.93	NA	46.44	NA	NA	NA	NA	3342.48	
MW-4	11/19/08	3388.92	58.93	NA	46.46	NA	NA	NA	NA	3342.46	Sampled
MW-4	11/26/08	3388.92	58.93	NA	46.47	NA	Pumped	0.00	20.00	3342.45	
MW-4	11/26/08	3388.92	58.93	NA	46.49	NA	NA	NA	NA	3342.43	
MW-4	12/03/08	3388.92	58.93	NA	46.52	NA	Pumped	0.00	20.00	3342.40	
MW-4	12/03/08	3388.92	58.93	NA	46.58	NA	NA	NA	NA	3342.34	
MW-4	12/10/08	3388.92	58.93	NA	46.55	NA	Pumped	0.00	20.00	3342.37	
MW-4	12/10/08	3388.92	58.93	NA	46.55	NA	NA	NA	NA	3342.37	
MW-4	12/17/08	3388.92	58.93	NA	46.51	NA	Pumped	0.00	15.00	3342.41	
MW-4	12/17/08	3388.92	58.93	NA	46.54	NA	NA	NA	NA	3342.38	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	12/21/08	3388.92	58.93	NA	46.57	NA	Pumped	0.00	20.00	3342.35	
MW-4	12/21/08	3388.92	58.93	NA	46.58	NA	NA	NA	NA	3342.34	
MW-4	12/31/08	3388.92	58.93	NA	46.57	NA	Pumped	0.00	20.00	3342.35	
MW-4	12/31/08	3388.92	58.93	NA	46.57	NA	NA	NA	NA	3342.35	
MW-4	01/07/09	3388.92	58.93	NA	46.49	NA	Pumped	0.00	20.00	3342.43	
MW-4	01/07/09	3388.92	58.93	NA	46.51	NA	NA	NA	NA	3342.41	
MW-4	01/15/09	3388.92	58.93	NA	46.49	NA	Pumped	0.00	15.00	3342.43	
MW-4	01/15/09	3388.92	58.93	NA	46.51	NA	NA	NA	NA	3342.41	
MW-4	01/22/09	3388.92	58.93	NA	46.43	NA	Pumped	0.00	12.00	3342.49	
MW-4	01/22/09	3388.92	58.93	NA	46.45	NA	NA	NA	NA	3342.47	
MW-4	01/28/09	3388.92	58.93	NA	46.41	NA	Pumped	0.00	15.00	3342.51	
MW-4	01/28/09	3388.92	58.93	NA	46.43	NA	NA	NA	NA	3342.49	
MW-4	02/04/09	3388.92	58.99	NA	46.39	NA	Pumped	0.00	10.00	3342.53	
MW-4	02/04/09	3388.92	58.99	NA	46.41	NA	NA	NA	NA	3342.51	
MW-4	02/11/09	3388.92	58.99	NA	46.35	NA	Pumped	0.00	20.00	3342.57	
MW-4	02/11/09	3388.92	58.99	NA	46.36	NA	NA	NA	NA	3342.56	
MW-4	02/17/09	3388.92	58.92	NA	46.23	NA		NA	NA	3342.69	Sample
MW-4	02/25/09	3388.92	58.92	NA	46.29	NA	Pumped	0.00	20.00	3342.63	
MW-4	02/25/09	3388.92	58.92	NA	46.31	NA	NA	NA	NA	3342.61	
MW-4	03/04/09	3388.92	58.92	NA	46.30	NA	Pumped	0.00	20.00	3342.62	
MW-4	03/04/09	3388.92	58.92	NA	46.35	NA	NA	NA	NA	3342.57	
MW-4	03/11/09	3388.92	58.92	NA	46.38	NA	Pumped	0.00	20.00	3342.54	
MW-4	03/11/09	3388.92	58.92	NA	46.41	NA	NA	NA	NA	3342.51	
MW-4	03/18/09	3388.92	58.92	NA	46.33	NA	Pumped	0.00	20.00	3342.59	
MW-4	03/18/09	3388.92	58.92	NA	46.45	NA	NA	NA	NA	3342.47	
MW-4	03/25/09	3388.92	58.92	NA	46.37	NA	Pumped	0.00	20.00	3342.55	
MW-4	03/25/09	3388.92	58.92	NA	46.42	NA	NA	NA	NA	3342.50	
MW-4	04/01/09	3388.92	58.92	NA	46.33	NA	Pumped	0.00	20.00	3342.59	
MW-4	04/01/09	3388.92	58.92	NA	46.35	NA	NA	NA	NA	3342.57	
MW-4	04/15/09	3388.92	58.92	NA	46.38	NA	Pumped	0.00	20.00	3342.54	
MW-4	04/15/09	3388.92	58.92	NA	46.35	NA	NA	NA	NA	3342.57	
MW-4	04/22/09	3388.92	58.92	NA	46.34	NA	Pumped	0.00	20.00	3342.58	
MW-4	04/22/09	3388.92	58.92	NA	46.34	NA	NA	NA	NA	3342.58	
MW-4	04/29/09	3388.92	58.92	NA	46.44	NA	Pumped	0.00	20.00	3342.48	
MW-4	04/29/09	3388.92	58.92	NA	46.47	NA	NA	NA	NA	3342.45	
MW-4	05/06/09	3388.92	58.92	NA	46.48	NA	Pumped	0.00	20.00	3342.44	
MW-4	05/06/09	3388.92	58.92	NA	46.59	NA	NA	NA	NA	3342.33	
MW-4	05/14/09	3388.92	58.92	NA	46.50	NA	Pumped	0.00	20.00	3342.42	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	05/14/09	3388.92	58.92	NA	46.51	NA	NA	NA	NA	3342.41	
MW-4	05/19/09	3388.92	58.92	NA	46.50	NA	NA	NA	6.00	3342.42	Sampled
MW-4	05/28/09	3388.92	58.92	NA	46.48	NA	Pumped	0.00	20.00	3342.44	
MW-4	05/28/09	3388.92	58.92	NA	46.52	NA	NA	NA	NA	3342.40	
MW-4	06/03/09	3388.92	58.92	NA	46.50	NA	Pumped	0.00	20.00	3342.42	
MW-4	06/03/09	3388.92	58.92	NA	46.52	NA	NA	NA	NA	3342.40	
MW-4	06/11/09	3388.92	58.92	NA	46.47	NA	Pumped	0.00	20.00	3342.45	
MW-4	06/11/09	3388.92	58.92	NA	46.50	NA	NA	NA	NA	3342.42	
MW-4	06/17/09	3388.92	58.92	NA	46.62	NA	Pumped	0.00	20.00	3342.30	
MW-4	06/17/09	3388.92	58.92	NA	46.65	NA	NA	NA	NA	3342.27	
MW-4	06/23/09	3388.92	58.92	NA	46.62	NA	Pumped	0.00	20.00	3342.30	
MW-4	06/23/09	3388.92	58.92	NA	46.70	NA	NA	NA	NA	3342.22	
MW-4	07/01/09	3388.92	58.92	NA	46.58	NA	Pumped	0.00	20.00	3342.34	
MW-4	07/01/09	3388.92	58.92	NA	46.58	NA	NA	NA	NA	3342.34	
MW-4	07/07/09	3388.28	59.32	NA	46.54	NA		0.00	20.00	3341.74	
MW-4	07/07/09	3388.28	59.32	NA	46.56	NA	NA	NA	NA	3341.72	
MW-4	07/15/09	3388.92	58.92	NA	46.55	NA	Pumped	0.00	20.00	3342.37	
MW-4	07/15/09	3388.92	58.92	NA	46.55	NA	NA	NA	NA	3342.37	
MW-4	07/29/09	3388.92	58.92	NA	46.49	NA	Pumped	0.00	20.00	3342.43	
MW-4	07/29/09	3388.92	58.92	NA	46.47	NA	NA	NA	NA	3342.45	
MW-4	08/05/09	3388.92	58.92	NA	46.42	NA	Pumped	0.00	20.00	3342.50	
MW-4	08/05/09	3388.92	58.92	NA	46.92	NA	NA	NA	NA	3342.00	
MW-4	08/12/09	3388.92	58.92	NA	46.48	NA	Pumped	0.00	20.00	3342.44	
MW-4	08/12/09	3388.92	58.92	NA	46.68	NA	NA	NA	NA	3342.24	
MW-4	08/19/09	3388.92	58.92	NA	46.46	NA	Pumped	0.00	20.00	3342.46	
MW-4	08/19/09	3388.92	58.92	NA	46.50	NA	NA	NA	NA	3342.42	
MW-4	08/26/09	3388.92	58.90	NA	46.53	NA		0.00	6.00	3342.39	Sampled
MW-4	09/02/09	3388.92	58.90	NA	46.55	NA	Pumped	0.00	20.00	3342.37	
MW-4	09/02/09	3388.92	58.90	NA	46.60	NA	NA	NA	NA	3342.32	
MW-4	09/09/09	3388.92	58.90	NA	46.50	NA	Pumped	0.00	20.00	3342.42	
MW-4	09/09/09	3388.92	58.90	NA	46.51	NA	NA	NA	NA	3342.41	
MW-4	09/16/09	3388.92	58.90	NA	46.51	NA	Pumped	0.00	20.00	3342.41	
MW-4	09/16/09	3388.92	58.90	NA	46.53	NA	NA	NA	NA	3342.39	
MW-4	09/23/09	3388.92	58.90	NA	46.48	NA	Pumped	0.00	20.00	3342.44	
MW-4	09/23/09	3388.92	58.90	NA	46.50	NA	NA	NA	NA	3342.42	
MW-4	09/30/09	3388.92	58.90	NA	46.47	NA	Pumped	0.00	20.00	3342.45	
MW-4	09/30/09	3388.92	58.90	NA	46.48	NA	NA	NA	NA	3342.44	
MW-4	10/07/09	3388.92	58.90	NA	46.47	NA	Pumped	0.00	20.00	3342.45	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	10/07/09	3388.92	58.90	NA	46.48	NA	NA	NA	NA	3342.44	
MW-4	10/12/09	3388.92	58.90	NA	46.43	NA	Pumped	0.00	20.00	3342.49	
MW-4	10/12/09	3388.92	58.90	NA	46.49	NA	NA	NA	NA	3342.43	
MW-4	10/29/09	3388.92	58.90	NA	46.41	NA	Pumped	0.00	20.00	3342.51	
MW-4	10/29/09	3388.92	58.90	NA	46.42	NA	NA	NA	NA	3342.50	
MW-4	11/04/09	3388.92	58.90	NA	46.44	NA	Pumped	0.00	20.00	3342.48	
MW-4	11/04/09	3388.92	58.90	NA	46.45	NA	NA	NA	NA	3342.47	
MW-4	11/17/09	3388.92	58.90	NA	46.43	NA	Pumped	0.00	20.00	3342.49	Sampled
MW-4	11/25/09	3388.92	58.90	NA	46.43	NA	Pumped	0.00	20.00	3342.49	
MW-4	11/25/09	3388.92	58.90	NA	46.43	NA	NA	NA	NA	3342.49	
MW-4	12/02/09	3388.92	58.90	NA	46.39	NA	Pumped	0.00	20.00	3342.53	
MW-4	12/02/09	3388.92	58.90	NA	46.40	NA	NA	NA	NA	3342.52	
MW-4	12/09/09	3388.92	58.90	NA	46.42	NA	Pumped	0.00	20.00	3342.50	
MW-4	12/09/09	3388.92	58.90	NA	46.41	NA	NA	NA	NA	3342.51	
MW-4	12/16/09	3388.92	58.90	NA	46.46	NA	Pumped	0.00	20.00	3342.46	
MW-4	12/16/09	3388.92	58.90	NA	46.40	NA	NA	NA	NA	3342.52	
MW-4	12/23/09	3388.92	58.90	NA	46.39	NA	Pumped	0.00	20.00	3342.53	
MW-4	12/23/09	3388.92	58.90	NA	46.42	NA	NA	NA	NA	3342.50	
MW-4	12/30/09	3388.92	58.90	NA	46.39	NA	Pumped	0.00	20.00	3342.53	
MW-4	12/30/09	3388.92	58.90	NA	46.42	NA	NA	NA	NA	3342.50	
MW-4	01/06/10	3388.92	58.90	NA	46.49	NA	Pumped	0.00	20.00	3342.43	
MW-4	01/06/10	3388.92	58.90	NA	46.51	NA	NA	NA	NA	3342.41	
MW-4	01/13/10	3388.92	58.90	NA	46.57	NA	Pumped	0.00	20.00	3342.35	
MW-4	01/13/10	3388.92	58.90	NA	46.60	NA	NA	NA	NA	3342.32	
MW-4	01/20/10	3388.92	58.90	NA	46.60	NA	Pumped	0.00	20.00	3342.32	
MW-4	01/20/10	3388.92	58.90	NA	46.61	NA	NA	NA	NA	3342.31	
MW-4	01/27/10	3388.92	58.90	NA	46.66	NA	Pumped	0.00	20.00	3342.26	
MW-4	01/27/10	3388.92	58.90	NA	46.67	NA	NA	NA	NA	3342.25	
MW-4	02/09/10	3388.92	58.90	NA	46.72	NA	Pumped	0.00	20.00	3342.20	Sampled
MW-4	02/09/10	3388.92	58.90	NA	46.75	NA	NA	NA	NA	3342.17	
MW-4	02/17/10	3388.92	58.90	NA	46.67	NA	Pumped	0.00	20.00	3342.25	
MW-4	02/17/10	3388.92	58.90	NA	46.68	NA	NA	NA	NA	3342.24	
MW-4	03/02/10	3388.92	58.90	NA	46.76	NA	Pumped	0.00	20.00	3342.16	
MW-4	03/02/10	3388.92	58.90	NA	46.78	NA	NA	NA	NA	3342.14	
MW-4	03/10/10	3388.92	58.90	NA	46.71	NA	Pumped	0.00	20.00	3342.21	
MW-4	03/10/10	3388.92	58.90	NA	46.74	NA	NA	NA	NA	3342.18	
MW-4	03/17/10	3388.92	58.90	NA	46.80	NA	Pumped	0.00	20.00	3342.12	
MW-4	03/17/10	3388.92	58.90	NA	46.81	NA	NA	NA	NA	3342.11	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	03/24/10	3388.92	58.90	NA	46.80	NA	Pumped	0.00	20.00	3342.12	
MW-4	03/24/10	3388.92	58.90	NA	46.85	NA	NA	NA	NA	3342.07	
MW-4	03/31/10	3388.92	58.90	NA	46.74	NA	Pumped	0.00	20.00	3342.18	
MW-4	03/31/10	3388.92	58.90	NA	46.75	NA	NA	NA	NA	3342.17	
MW-4	04/07/10	3388.92	58.90	NA	46.78	NA	Pumped	0.00	20.00	3342.14	
MW-4	04/07/10	3388.92	58.90	NA	46.80	NA	NA	NA	NA	3342.12	
MW-4	04/14/10	3388.92	58.90	NA	46.82	NA	Pumped	0.00	20.00	3342.10	
MW-4	04/14/10	3388.92	58.90	NA	46.83	NA	NA	NA	NA	3342.09	
MW-4	04/21/10	3388.92	58.90	NA	46.78	NA	Pumped	0.00	20.00	3342.14	
MW-4	04/21/10	3388.92	58.90	NA	46.80	NA	NA	NA	NA	3342.12	
MW-4	04/28/10	3388.92	58.90	NA	46.80	NA	Pumped	0.00	20.00	3342.12	
MW-4	04/28/10	3388.92	58.90	NA	46.81	NA	NA	NA	NA	3342.11	
MW-4	05/05/10	3388.92	58.90	NA	46.87	NA	Pumped	0.00	20.00	3342.05	
MW-4	05/05/10	3388.92	58.90	NA	46.90	NA	NA	NA	NA	3342.02	
MW-4	05/12/10	3388.92	58.90	NA	46.86	NA	NA	NA	NA	3342.06	Sampled
MW-4	05/19/10	3388.92	58.90	NA	46.84	NA	Pumped	0.00	20.00	3342.08	
MW-4	05/19/10	3388.92	58.90	NA	46.85	NA	NA	NA	NA	3342.07	
MW-4	05/29/10	3388.92	58.90	NA	46.70	NA	Pumped	0.00	20.00	3342.22	
MW-4	05/29/10	3388.92	58.90	NA	46.73	NA	NA	NA	NA	3342.19	
MW-4	06/02/10	3388.92	58.90	NA	46.69	NA	NA	NA	NA	3342.23	
MW-4	06/12/10	3388.92	58.90	NA	46.63	NA	Pumped	0.00	20.00	3342.29	
MW-4	06/12/10	3388.92	58.90	NA	46.63	NA	NA	NA	NA	3342.29	
MW-4	06/15/10	3388.92	58.90	NA	46.52	NA	Pumped	0.00	20.00	3342.40	
MW-4	06/15/10	3388.92	58.90	NA	46.54	NA	NA	NA	NA	3342.38	
MW-4	06/25/10	3388.92	58.90	NA	46.58	NA	Pumped	0.00	20.00	3342.34	
MW-4	06/25/10	3388.92	58.90	NA	46.59	NA	NA	NA	NA	3342.33	
MW-4	06/30/10	3388.92	58.90	NA	46.55	NA	NA	NA	NA	3342.37	
MW-4	07/07/10	3388.92	58.90	NA	46.52	NA	Pumped	0.00	20.00	3342.40	
MW-4	07/07/10	3388.92	58.90	NA	46.54	NA	NA	NA	NA	3342.38	
MW-4	07/14/10	3388.92	58.90	NA	46.51	NA	Pumped	0.00	20.00	3342.41	
MW-4	07/14/10	3388.92	58.90	NA	46.51	NA	NA	NA	NA	3342.41	
MW-4	07/29/10	3388.92	58.90	NA	46.68	NA	Pumped	0.00	20.00	3342.24	
MW-4	07/28/10	3388.92	58.90	NA	46.69	NA	NA	NA	NA	3342.23	
MW-4	08/03/10	3388.92	58.90	NA	46.67	NA	Pumped	0.00	20.00	3342.25	
MW-4	08/03/10	3388.92	58.90	NA	46.68	NA	NA	NA	NA	3342.24	
MW-4	08/17/10	3388.92	58.90	NA	46.83	NA	Pumped	0.00	20.00	3342.09	
MW-4	08/17/10	3388.92	58.90	NA	46.83	NA	NA	NA	NA	3342.09	
MW-4	08/25/10	3388.92	58.90	NA	46.72	NA	Pumped	0.00	20.00	3342.20	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	08/25/10	3388.92	58.90	NA	46.74	NA	NA	NA	NA	3342.18	
MW-4	08/26/10	3388.92	58.90	NA	46.77	NA	NA	NA	NA	3342.15	Sampled
MW-4	09/01/10	3388.92	58.90	NA	46.62	NA	Pumped	0.00	20.00	3342.30	
MW-4	09/01/10	3388.92	58.90	NA	46.67	NA	NA	NA	NA	3342.25	
MW-4	09/08/10	3388.92	58.90	NA	46.77	NA	Pumped	0.00	20.00	3342.15	
MW-4	09/08/10	3388.92	58.90	NA	46.79	NA	NA	NA	NA	3342.13	
MW-4	09/15/10	3388.92	58.90	NA	46.84	NA	Pumped	0.00	20.00	3342.08	
MW-4	09/15/10	3388.92	58.90	NA	46.87	NA	NA	NA	NA	3342.05	
MW-4	09/21/10	3388.92	58.90	NA	46.76	NA	Pumped	0.00	20.00	3342.16	
MW-4	09/21/10	3388.92	58.90	NA	46.75	NA	NA	NA	NA	3342.17	
MW-4	10/01/10	3388.92	58.90	NA	46.71	NA	Pumped	0.00	20.00	3342.21	
MW-4	10/01/10	3388.92	58.90	NA	46.74	NA	NA	NA	NA	3342.18	
MW-4	10/06/10	3388.92	58.90	NA	46.69	NA	Pumped	0.00	20.00	3342.23	
MW-4	10/06/10	3388.92	58.90	NA	46.71	NA	NA	NA	NA	3342.21	
MW-4	10/13/10	3388.92	58.90	NA	46.69	NA	Pumped	0.00	20.00	3342.23	
MW-4	10/13/10	3388.92	58.90	NA	46.72	NA	NA	NA	NA	3342.20	
MW-4	10/27/10	3388.92	58.90	NA	46.83	NA	Pumped	0.00	20.00	3342.09	
MW-4	10/27/10	3388.92	58.90	NA	46.83	NA	NA	NA	NA	3342.09	
MW-4	11/03/10	3388.92	58.90	NA	46.81	NA	Pumped	0.00	20.00	3342.11	
MW-4	11/03/10	3388.92	58.90	NA	46.86	NA	NA	NA	NA	3342.06	
MW-4	11/10/10	3388.92	58.90	NA	46.84	NA	Pumped	0.00	20.00	3342.08	
MW-4	11/10/10	3388.92	58.90	NA	46.85	NA	NA	NA	NA	3342.07	
MW-4	11/18/10	3388.92	58.90	NA	46.92	NA	NA	NA	NA	3342.00	Sampled
MW-4	11/23/10	3388.92	58.90	NA	46.91	NA	Pumped	0.00	10.00	3342.01	
MW-4	11/23/10	3388.92	58.90	NA	46.92	NA	NA	NA	NA	3342.00	
MW-4	12/01/10	3388.92	58.90	NA	46.92	NA	Pumped	0.00	20.00	3342.00	
MW-4	12/01/10	3388.92	58.90	NA	46.96	NA	NA	NA	NA	3341.96	
MW-4	12/08/10	3388.92	58.90	NA	46.96	NA	NA	NA	NA	3341.96	
MW-4	12/15/10	3388.92	58.90	NA	46.92	NA	Pumped	0.00	20.00	3342.00	
MW-4	12/15/10	3388.92	58.90	NA	46.93	NA	NA	NA	NA	3341.99	
MW-4	12/21/10	3388.92	58.90	NA	46.99	NA	Pumped	0.00	20.00	3341.93	
MW-4	12/21/10	3388.92	58.90	NA	47.01	NA	NA	NA	NA	3341.91	
MW-4	01/12/11	3388.92	58.90	ND	46.98	ND	Hand Bailed	0.00	20.00	3341.94	
MW-4	01/12/11	3388.92	58.90	ND	47.00	ND	NA	NA	NA	3341.92	
MW-4	01/19/11	3388.92	58.90	NA	DNG	NA		0.00	20.00	DNG	
MW-4	01/19/11	3388.92	58.90	NA	DNG	NA	NA	NA	NA	DNG	
MW-4	01/25/11	3388.92	58.90	ND	46.97	ND		0.00	30.00	3341.95	
MW-4	01/25/11	3388.92	58.90	ND	46.98	ND	NA	NA	NA	3341.94	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	02/08/11	3388.92	58.90	ND	46.88	ND		0.00	15.00	3342.04	
MW-4	02/08/11	3388.92	58.90	ND	46.90	ND	NA	NA	NA	3342.02	
MW-4	02/24/11	3388.92	58.90	NA	46.84	NA	NA	NA	NA	3342.08	Sampled
MW-4	03/02/11	3388.92	58.90	ND	46.83	ND		0.00	20.00	3342.09	
MW-4	03/02/11	3388.92	58.90	ND	46.84	ND	NA	NA	NA	3342.08	
MW-4	03/08/11	3388.92	58.90	NA	46.90	NA		0.00	20.00	3342.02	
MW-4	03/08/11	3388.92	58.90	NA	46.93	NA	NA	NA	NA	3341.99	
MW-4	03/23/11	3388.92	58.90	NA	47.06	NA		0.00	20.00	3341.86	
MW-4	03/23/11	3388.92	58.90	NA	47.07	NA	NA	NA	NA	3341.85	
MW-4	04/13/11	3388.92	58.90	NA	47.00	NA	NA	NA	NA	3341.92	
MW-4	05/04/11	3388.92	58.90	NA	47.10	NA		0.00	20.00	3341.82	
MW-4	05/04/11	3388.92	58.90	NA	47.11	NA	NA	NA	NA	3341.81	
MW-4	05/31/11	3388.92	58.90	NA	47.27	NA	NA	NA	NA	3341.65	Sampled
MW-4	07/06/11	3388.92	58.90	NA	47.34	NA	NA	NA	NA	3341.58	
MW-4	08/29/11	3388.92	58.90	NA	47.83	NA	NA	NA	NA	3341.09	Sampled
MW-4	09/14/11	3388.92	58.90	NA	47.86	NA	NA	NA	NA	3341.06	
MW-4	10/12/11	3388.92	58.90	NA	47.95	NA	NA	NA	NA	3340.97	
MW-4	11/28/11	3388.92	58.90	NA	47.98	NA	NA	NA	NA	3340.94	Sampled
MW-4	12/07/11	3388.92	58.90	48.94	58.58	9.64	NA	NA	NA	3338.53	Sampled
MW-4	12/27/11	3388.92	58.90	NA	48.03	NA	NA	NA	NA	3340.89	
MW-4	01/18/12	3388.92	58.90	NA	47.84	NA	NA	NA	NA	3341.08	
MW-4	02/02/12	3388.92	58.90	NA	47.76	NA	NA	NA	NA	3341.16	
MW-4	02/15/12	3388.92	58.90	NA	47.77	NA	NA	NA	NA	3341.15	
MW-4	02/22/12	3388.92	58.90	NA	47.67	NA	NA	NA	NA	3341.25	
MW-4	04/20/12	3388.92	58.90	NA	47.65	NA	NA	NA	NA	3341.27	
MW-4	05/22/12	3388.92	58.90	NA	47.93	NA	NA	NA	NA	3340.99	
MW-4	07/18/12	3388.92	58.90	NA	48.42	NA	NA	NA	NA	3340.50	
MW-4	07/25/12	3388.92	58.90	NA	48.47	NA	NA	NA	NA	3340.45	
MW-4	07/25/12	3388.92	58.90	NA	48.50	NA	NA	NA	NA	3340.42	
MW-4	09/11/12	3388.92	58.90	NA	48.35	NA	NA	NA	NA	3340.57	
MW-4	10/16/12	3388.92	58.90	NA	48.33	NA	NA	NA	NA	3340.59	
MW-4	11/26/12	3388.92	58.90	NA	48.35	NA	NA	NA	NA	3340.57	
MW-4	12/11/12	3388.92	58.90	NA	48.54	NA	NA	NA	NA	3340.38	
MW-4	02/27/13	3388.92	58.90	NA	48.30	NA	NA	NA	NA	3340.62	
MW-4	06/10/13	3388.92	58.90	NA	48.41	NA	NA	NA	NA	3340.51	
MW-4	08/14/13	3388.92	58.90	NA	48.75	NA	NA	NA	NA	3340.17	
MW-4	09/11/13	3388.92	58.90	NA	48.87	NA	NA	NA	NA	3340.05	
MW-4	12/11/13	3388.92	58.90	NA	49.24	NA	NA	NA	NA	3339.68	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	02/26/14	3388.92	58.90	NA	49.60	NA		NA	NA	3339.32	
MW-4	03/05/14	3388.92	58.90	NA	49.56	NA		NA	NA	3339.36	Sampled
MW-4	06/06/14	3388.92	58.90	NA	49.75	NA		NA	NA	3339.17	Sampled
MW-4	09/18/14	3388.92	58.91	NA	49.69	NA		NA	NA	3339.23	Sampled
MW-4	11/12/14	3388.92	58.91	NA	49.36	NA		NA	NA	3339.56	Sampled
MW-4	02/24/15	3388.92	58.91	NA	49.00	NA		NA	NA	3339.92	Sampled
MW-4	06/13/15	3388.92	58.97	NA	48.48	NA		NA	NA	3340.44	Sampled
MW-4	08/27/15	3388.92	58.97	NA	48.62	NA		NA	NA	3340.30	Sampled
MW-4	11/15/15	3388.92	58.97	NA	48.78	NA		NA	NA	3340.14	Sampled
MW-4	03/08/16	3388.92	58.97	NA	48.38	NA		NA	NA	3340.54	Sampled
MW-4	05/20/16	3388.92	58.97	NA	48.28	NA		NA	NA	3340.64	Sampled
MW-4	09/21/16	3388.92	58.97	NA	48.27	NA		NA	NA	3340.65	Sampled
MW-4	12/16/16	3388.92	58.97	NA	47.87	NA		NA	NA	3341.05	Sampled
MW-4	05/16/17	3388.92	58.97	NA	47.44	NA		NA	NA	3341.48	Sampled
MW-4	09/13/17	3388.92	58.97	NA	47.12	NA		NA	NA	3341.80	Sampled
MW-4	11/29/17	3388.92	58.97	NA	46.93	NA		NA	NA	3341.99	Sampled
MW-4	03/08/18	3388.92	58.97	NA	46.39	NA		NA	NA	3342.53	Sampled
MW-4	06/07/18	3388.92	58.97	NA	46.65	NA		NA	NA	3342.27	Sampled
MW-4	09/12/18	3388.92	58.97	NA	46.85	NA		NA	NA	3342.07	Sampled
MW-4	11/29/18	3388.92	58.97	NA	46.72	NA		NA	NA	3342.20	Sampled
MW-4	02/14/19	3388.92	58.97	NA	46.58	NA		NA	NA	3342.34	Sampled
MW-4	05/10/19	3388.92	58.97	NA	46.44	NA		NA	NA	3342.48	Sampled
MW-4	08/27/19	3388.92	58.97	NA	46.36	NA		NA	NA	3342.56	Sampled
MW-4	11/19/19	3388.92	58.97	NA	46.23	NA		NA	NA	3342.69	Sampled
MW-5	03/21/06	3389.40	59.27	NA	46.50	NA	NA	NA	NA	3342.90	
MW-5	03/28/06	3389.40	59.27	NA	46.44	NA	NA	NA	NA	3342.96	Sampled
MW-5	04/13/06	3389.40	NG	NA	46.48	NA	NA	NA	NA	3342.92	
MW-5	04/25/06	3389.40	NG	NA	46.47	NA	NA	NA	NA	3342.93	
MW-5	05/03/06	3389.40	NG	NA	46.41	NA	NA	NA	NA	3342.99	
MW-5	05/11/06	3389.40	NG	NA	46.47	NA	NA	NA	NA	3342.93	
MW-5	05/24/06	3389.40	NG	NA	46.46	NA	NA	NA	NA	3342.94	
MW-5	06/07/06	3389.40	NG	NA	46.44	NA	NA	NA	NA	3342.96	
MW-5	06/15/06	3389.40	NG	NA	46.48	NA	NA	NA	NA	3342.92	Sampled
MW-5	06/29/06	3389.40	NG	NA	46.56	NA	NA	NA	NA	3342.84	
MW-5	07/11/06	3389.40	NG	NA	46.51	NA	NA	NA	NA	3342.89	
MW-5	07/25/06	3389.40	NG	NA	46.63	NA	NA	NA	NA	3342.77	
MW-5	08/09/06	3389.40	59.10	NA	46.68	NA	NA	NA	NA	3342.72	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-5	08/22/06	3389.40	NG	NA	46.77	NA	NA	NA	NA	3342.63	
MW-5	09/12/06	3389.40	59.24	NA	46.84	NA	NA	NA	NA	3342.56	Sampled
MW-5	09/19/06	3389.40	59.24	NA	46.86	NA	NA	NA	NA	3342.54	
MW-5	10/03/06	3389.40	59.24	NA	46.85	NA	NA	NA	NA	3342.55	
MW-5	10/17/06	3389.40	NG	NA	46.80	NA	NA	NA	NA	3342.60	
MW-5	10/31/06	3389.40	NG	NA	46.79	NA	NA	NA	NA	3342.61	
MW-5	11/15/06	3389.40	NG	NA	46.35	NA	NA	NA	NA	3343.05	
MW-5	12/06/06	3389.40	59.20	NA	46.65	NA	NA	NA	NA	3342.75	Sampled
MW-5	12/13/06	3389.40	NG	NA	46.71	NA	NA	NA	NA	3342.69	
MW-5	01/03/07	3389.40	NG	NA	46.55	NA	NA	NA	NA	3342.85	
MW-5	01/09/07	3389.40	NG	NA	46.60	NA	NA	NA	NA	3342.80	
MW-5	01/18/07	3389.40	NG	NA	46.51	NA	NA	NA	NA	3342.89	
MW-5	01/25/07	3389.40	NG	NA	46.47	NA	NA	NA	NA	3342.93	
MW-5	01/31/07	3389.40	NG	NA	46.39	NA	NA	NA	NA	3343.01	
MW-5	02/07/07	3389.40	NG	NA	46.02	NA	NA	NA	NA	3343.38	
MW-5	02/14/07	3389.40	NG	NA	46.05	NA	NA	NA	NA	3343.35	
MW-5	03/01/07	3389.40	59.15	NA	46.35	NA	NA	NA	NA	3343.05	Sampled
MW-5	05/31/07	3389.40	59.13	NA	46.35	NA	NA	NA	NA	3343.05	Sampled
MW-5	06/06/07	3389.40	59.13	NA	46.30	NA	NA	NA	NA	3343.10	
MW-5	07/05/07	3389.40	59.24	NA	46.44	NA	NA	NA	NA	3342.96	
MW-5	07/31/07	3389.40	59.23	NA	46.48	NA	NA	NA	NA	3342.92	
MW-5	09/06/07	3389.40	59.23	NA	46.57	NA	NA	NA	NA	3342.83	Sampled
MW-5	10/04/07	3389.40	59.25	NA	46.67	NA	NA	NA	NA	3342.73	
MW-5	11/13/07	3389.40	59.16	NA	46.65	NA	NA	NA	NA	3342.75	Sampled
MW-5	12/05/07	3389.40	59.16	NA	46.60	NA	NA	NA	NA	3342.80	
MW-5	01/09/08	3389.40	59.12	NA	46.60	NA	NA	NA	NA	3342.80	
MW-5	02/06/08	3389.40	59.12	NA	46.63	NA	NA	NA	NA	3342.77	
MW-5	02/27/08	3389.40	59.12	NA	46.61	NA	NA	NA	NA	3342.79	Sampled
MW-5	04/02/08	3389.40	59.12	NA	46.58	NA	NA	NA	NA	3342.82	
MW-5	05/22/08	3389.40	59.12	NA	47.14	NA	NA	NA	NA	3342.26	Sampled
MW-5	06/26/08	3389.40	59.12	NA	47.18	NA	NA	NA	NA	3342.22	
MW-5	07/07/08	3389.40	59.12	NA	46.53	NA	NA	NA	NA	3342.87	
MW-5	08/20/08	3389.40	59.11	NA	46.60	NA	NA	NA	NA	3342.80	Sampled
MW-5	10/15/08	3389.40	59.16	NA	47.06	NA	NA	NA	NA	3342.34	
MW-5	11/19/08	3389.40	59.16	NA	46.89	NA	NA	NA	NA	3342.51	Sampled
MW-5	12/21/08	3389.40	59.16	NA	46.99	NA	NA	NA	NA	3342.41	
MW-5	01/07/09	3389.40	59.11	NA	46.87	NA	NA	NA	NA	3342.53	
MW-5	02/04/09	3389.40	59.17	NA	46.84	NA	NA	NA	NA	3342.56	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-5	02/17/09	3389.40	59.12	NA	46.68	NA	NA	NA	NA	3342.72	Sampled
MW-5	03/04/09	3389.40	59.12	NA	46.69	NA	NA	NA	NA	3342.71	
MW-5	04/08/09	3389.40	59.12	NA	46.77	NA	NA	NA	NA	3342.63	
MW-5	05/06/09	3389.40	59.12	NA	46.93	NA	NA	NA	NA	3342.47	
MW-5	05/19/09	3389.40	59.12	NA	46.96	NA	NA	NA	NA	3342.44	Sampled
MW-5	06/03/09	3389.40	59.12	NA	46.93	NA	NA	NA	NA	3342.47	
MW-5	07/15/09	3389.40	59.12	NA	46.55	NA	NA	NA	NA	3342.85	
MW-5	08/05/09	3389.40	59.12	NA	46.84	NA	NA	NA	NA	3342.56	
MW-5	08/26/09	3389.40	59.12	NA	46.98	NA		0.00	6.00	3342.42	Sampled
MW-5	09/02/09	3389.40	59.12	NA	46.99	NA	NA	NA	NA	3342.41	
MW-5	10/07/09	3389.40	59.12	NA	46.89	NA	NA	NA	NA	3342.51	
MW-5	11/04/09	3389.40	59.12	NA	46.85	NA	NA	NA	NA	3342.55	
MW-5	11/17/09	3389.40	59.12	NA	46.85	NA	NA	NA	NA	3342.55	Sampled
MW-5	12/02/09	3389.40	59.12	NA	46.82	NA	NA	NA	NA	3342.58	
MW-5	01/06/10	3389.40	59.12	NA	46.93	NA	NA	NA	NA	3342.47	
MW-5	02/09/10	3389.40	59.12	NA	47.20	NA	NA	NA	NA	3342.20	Sampled
MW-5	03/10/10	3389.40	59.12	NA	47.19	NA	NA	NA	NA	3342.21	
MW-5	04/07/10	3389.40	59.12	NA	47.24	NA	NA	NA	NA	3342.16	
MW-5	05/05/10	3389.40	59.12	NA	47.35	NA	NA	NA	NA	3342.05	
MW-5	05/12/10	3389.40	59.12	NA	47.36	NA	NA	NA	NA	3342.04	Sampled
MW-5	06/02/10	3389.40	59.12	NA	47.13	NA	NA	NA	NA	3342.27	
MW-5	07/07/10	3389.40	59.12	NA	46.96	NA	NA	NA	NA	3342.44	
MW-5	08/03/10	3389.40	59.12	NA	47.19	NA	NA	NA	NA	3342.21	
MW-5	08/26/10	3389.40	59.12	NA	47.15	NA	NA	NA	NA	3342.25	Sampled
MW-5	09/01/10	3389.40	59.12	NA	47.11	NA	NA	NA	NA	3342.29	
MW-5	10/13/10	3389.40	59.12	NA	47.16	NA	NA	NA	NA	3342.24	
MW-5	11/18/10	3389.40	59.12	NA	47.33	NA	NA	NA	NA	3342.07	Sampled
MW-5	11/23/10	3389.40	59.12	NA	47.40	NA	NA	NA	NA	3342.00	
MW-5	12/08/10	3389.40	59.12	NA	47.41	NA	NA	NA	NA	3341.99	
MW-5	01/12/11	3389.40	59.12	NA	47.44	NA	NA	NA	NA	3341.96	
MW-5	02/08/11	3389.40	59.12	NA	47.33	NA	NA	NA	NA	3342.07	
MW-5	02/24/11	3389.40	59.12	NA	47.26	NA	NA	NA	NA	3342.14	Sampled
MW-5	03/08/11	3389.40	59.12	NA	47.35	NA	NA	NA	NA	3342.05	
MW-5	04/13/11	3389.40	59.12	NA	47.44	NA	NA	NA	NA	3341.96	
MW-5	05/31/11	3389.40	59.12	NA	47.21	NA	NA	NA	NA	3342.19	Sampled
MW-5	07/06/11	3389.40	59.12	NA	47.79	NA	NA	NA	NA	3341.61	
MW-5	08/29/11	3389.40	59.12	NA	48.28	NA	NA	NA	NA	3341.12	Sampled
MW-5	09/14/11	3389.40	59.12	NA	48.31	NA	NA	NA	NA	3341.09	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-5	10/12/11	3389.40	59.12	NA	48.42	NA	NA	NA	NA	3340.98	
MW-5	11/28/11	3389.40	59.12	NA	48.43	NA	NA	NA	NA	3340.97	Sampled
MW-5	12/27/11	3389.40	59.12	NA	48.45	NA	NA	NA	NA	3340.95	
MW-5	01/18/12	3389.40	59.12	NA	48.25	NA	NA	NA	NA	3341.15	
MW-5	02/02/12	3389.40	59.12	NA	48.15	NA	NA	NA	NA	3341.25	
MW-5	02/15/12	3389.40	59.12	NA	48.12	NA	NA	NA	NA	3341.28	
MW-5	02/22/12	3389.40	59.12	NA	48.05	NA	NA	NA	NA	3341.35	
MW-5	04/20/12	3389.40	59.12	NA	48.09	NA	NA	NA	NA	3341.31	
MW-5	05/22/12	3389.40	59.12	NA	48.35	NA	NA	NA	NA	3341.05	
MW-5	07/18/12	3389.40	59.12	NA	48.89	NA	NA	NA	NA	3340.51	
MW-5	09/11/12	3389.40	59.12	NA	48.75	NA	NA	NA	NA	3340.65	
MW-5	10/16/12	3389.40	59.12	NA	48.73	NA	NA	NA	NA	3340.67	
MW-5	11/26/12	3389.40	59.12	NA	48.78	NA	NA	NA	NA	3340.62	
MW-5	12/11/12	3389.40	59.12	NA	48.73	NA	NA	NA	NA	3340.67	
MW-5	02/27/13	3389.40	59.12	NA	48.70	NA	NA	NA	NA	3340.70	
MW-5	06/10/13	3389.40	59.12	NA	48.82	NA	NA	NA	NA	3340.58	
MW-5	08/14/13	3389.40	59.12	NA	49.21	NA	NA	NA	NA	3340.19	
MW-5	09/11/13	3389.40	59.12	NA	49.31	NA	NA	NA	NA	3340.09	
MW-5	12/11/13	3389.40	59.12	NA	49.70	NA	NA	NA	NA	3339.70	
MW-5	02/26/14	3389.40	59.12	NA	50.06	NA		NA	NA	3339.34	
MW-5	03/05/14	3389.40	59.12	NA	50.01	NA		NA	NA	3339.39	Sampled
MW-5	06/06/14	3389.40	59.12	NA	50.22	NA		NA	NA	3339.18	Sampled
MW-5	09/18/14	3389.40	59.20	NA	50.11	NA		NA	NA	3339.29	Sampled
MW-5	11/12/14	3389.40	59.20	NA	49.78	NA		NA	NA	3339.62	Sampled
MW-5	02/24/15	3389.40	59.18	NA	49.44	NA		NA	NA	3339.96	Sampled
MW-5	06/13/15	3389.40	59.18	NA	48.89	NA		NA	NA	3340.51	Sampled
MW-5	08/27/15	3389.40	59.18	NA	49.08	NA		NA	NA	3340.32	Sampled
MW-5	11/15/15	3389.40	59.18	NA	49.26	NA		NA	NA	3340.14	Sampled
MW-5	03/08/16	3389.40	59.18	NA	48.85	NA		NA	NA	3340.55	Sampled
MW-5	05/20/16	3389.40	59.18	NA	48.73	NA		NA	NA	3340.67	Sampled
MW-5	12/16/16	3389.40	59.18	NA	48.29	NA		NA	NA	3341.11	Sampled
MW-5	05/16/17	3389.40	59.18	NA	47.83	NA		NA	NA	3341.57	Sampled
MW-5	09/13/17	3389.40	59.18	NA	47.55	NA		NA	NA	3341.85	Sampled
MW-5	11/29/17	3389.40	59.18	NA	47.35	NA		NA	NA	3342.05	Sampled
MW-5	03/08/18	3389.40	59.18	NA	47.11	NA		NA	NA	3342.29	Sampled
MW-5	06/07/18	3389.40	59.18	NA	47.06	NA		NA	NA	3342.34	Sampled
MW-5	09/12/18	3389.40	59.18	NA	47.27	NA		NA	NA	3342.13	Sampled
MW-5	11/29/18	3389.40	59.18	NA	47.13	NA		NA	NA	3342.27	Sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-5	02/14/19	3389.40	59.18	NA	46.99	NA		NA	NA	3342.41	Sampled
MW-5	05/10/19	3389.40	59.18	NA	46.84	NA		NA	NA	3342.56	Sampled
MW-5	08/27/19	3389.40	59.18	NA	46.78	NA		NA	NA	3342.62	Sampled
MW-5	11/19/19	3389.40	59.18	NA	46.63	NA		NA	NA	3342.77	Sampled
MW-6	05/24/06	3389.72	NG	NA	47.12	NA	NA	NA	NA	3342.60	
MW-6	06/07/06	3389.72	59.25	NA	47.10	NA	NA	NA	NA	3342.62	
MW-6	06/07/06	3389.72	NG	NA	47.15	NA	Hand Bailed	5.00	0.00	3342.57	
MW-6	06/15/06	3389.72	NG	NA	47.13	NA	NA	NA	NA	3342.59	Sampled
MW-6	06/29/06	3389.72	NG	NA	47.20	NA	NA	NA	NA	3342.52	
MW-6	07/11/06	3389.72	NG	NA	47.23	NA	NA	NA	NA	3342.49	
MW-6	07/25/06	3389.72	NG	NA	47.28	NA	NA	NA	NA	3342.44	
MW-6	08/09/06	3389.72	NG	NA	47.35	NA	NA	NA	NA	3342.37	
MW-6	08/22/06	3389.72	NG	NA	47.43	NA	NA	NA	NA	3342.29	
MW-6	09/12/06	3389.72	58.10	NA	47.46	NA	NA	NA	NA	3342.26	Sampled
MW-6	09/19/06	3389.72	NG	NA	47.51	NA	NA	NA	NA	3342.21	
MW-6	10/03/06	3389.72	NG	NA	47.51	NA	NA	NA	NA	3342.21	
MW-6	10/17/06	3389.72	NG	NA	47.48	NA	NA	NA	NA	3342.24	
MW-6	10/31/06	3389.72	NG	NA	47.45	NA	NA	NA	NA	3342.27	
MW-6	11/15/06	3389.72	NG	NA	47.00	NA	NA	NA	NA	3342.72	
MW-6	12/06/06	3389.72	57.61	NA	47.34	NA	NA	NA	NA	3342.38	Sampled
MW-6	12/13/06	3389.72	NG	NA	47.50	NA	NA	NA	NA	3342.22	
MW-6	01/03/07	3389.72	NG	NA	47.20	NA	NA	NA	NA	3342.52	
MW-6	01/09/07	3389.72	NG	NA	47.25	NA	NA	NA	NA	3342.47	
MW-6	01/18/07	3389.72	NG	NA	47.18	NA	NA	NA	NA	3342.54	
MW-6	01/25/07	3389.72	NG	NA	47.15	NA	NA	NA	NA	3342.57	
MW-6	01/31/07	3389.72	NG	NA	47.07	NA	NA	NA	NA	3342.65	
MW-6	02/07/07	3389.72	NG	NA	47.12	NA	NA	NA	NA	3342.60	
MW-6	02/14/07	3389.72	NG	NA	47.17	NA	NA	NA	NA	3342.55	
MW-6	03/01/07	3389.72	57.60	NA	47.08	NA	NA	NA	NA	3342.64	Sampled
MW-6	05/03/07	3389.72	57.60	NA	47.00	NA	NA	NA	NA	3342.72	
MW-6	05/31/07	3389.72	57.21	NA	47.01	NA	NA	NA	NA	3342.71	Sampled
MW-6	06/06/07	3389.72	57.21	NA	46.97	NA	NA	NA	NA	3342.75	
MW-6	07/05/07	3389.72	57.60	NA	47.09	NA	NA	NA	NA	3342.63	
MW-6	07/31/07	3389.72	57.60	NA	47.12	NA	NA	NA	NA	3342.60	
MW-6	09/06/07	3389.72	57.60	NA	47.20	NA	NA	NA	NA	3342.52	Sampled
MW-6	10/04/07	3389.72	57.60	NA	47.24	NA	NA	NA	NA	3342.48	
MW-6	11/13/07	3389.72	57.58	NA	47.31	NA	NA	NA	NA	3342.41	Sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-6	12/05/07	3389.72	57.58	NA	47.25	NA	NA	NA	NA	3342.47	
MW-6	01/09/08	3389.72	57.26	NA	47.24	NA	NA	NA	NA	3342.48	
MW-6	02/06/08	3389.72	57.26	NA	47.26	NA	NA	NA	NA	3342.46	
MW-6	02/27/08	3389.72	57.46	NA	47.24	NA	NA	NA	NA	3342.48	Sampled
MW-6	04/02/08	3389.72	57.46	NA	47.19	NA	NA	NA	NA	3342.53	
MW-6	05/22/08	3389.72	57.46	NA	47.14	NA	NA	NA	NA	3342.58	Sampled
MW-6	06/27/08	3389.72	57.46	NA	47.24	NA	NA	NA	NA	3342.48	
MW-6	07/07/08	3389.72	57.46	NA	47.20	NA	NA	NA	NA	3342.52	
MW-6	08/20/08	3389.72	57.20	NA	47.28	NA	NA	NA	NA	3342.44	Sampled
MW-6	10/15/08	3389.72	57.25	NA	47.70	NA	NA	NA	NA	3342.02	
MW-6	11/19/08	3389.72	57.25	NA	47.56	NA	NA	NA	NA	3342.16	Sampled
MW-6	12/21/08	3389.72	57.25	NA	47.68	NA	NA	NA	NA	3342.04	
MW-6	01/07/09	3389.72	57.16	NA	47.54	NA	NA	NA	NA	3342.18	
MW-6	02/04/09	3389.72	57.14	NA	47.53	NA	NA	NA	NA	3342.19	
MW-6	02/17/09	3389.72	57.33	NA	47.36	NA	NA	NA	NA	3342.36	Sampled
MW-6	03/04/09	3389.72	57.33	NA	47.37	NA	NA	NA	NA	3342.35	
MW-6	04/08/09	3389.72	57.33	NA	47.43	NA	NA	NA	NA	3342.29	
MW-6	05/06/09	3389.72	57.33	NA	47.60	NA	NA	NA	NA	3342.12	
MW-6	05/19/09	3389.72	57.33	NA	47.59	NA		0.00	5.00	3342.13	Sampled
MW-6	06/03/09	3389.72	57.33	NA	47.58	NA		0.00	5.00	3342.14	
MW-6	07/15/09	3389.72	57.33	NA	47.65	NA		0.00	5.00	3342.07	
MW-6	08/05/09	3389.72	57.33	NA	47.51	NA	NA	NA	NA	3342.21	
MW-6	08/26/09	3389.72	57.45	NA	47.61	NA		0.00	5.00	3342.11	Sampled
MW-6	09/02/09	3389.72	57.45	NA	47.63	NA	NA	NA	NA	3342.09	
MW-6	10/07/09	3389.72	57.45	NA	47.55	NA	NA	NA	NA	3342.17	
MW-6	11/04/09	3389.72	57.45	NA	47.51	NA	NA	NA	NA	3342.21	
MW-6	11/17/09	3389.72	57.45	NA	47.51	NA	NA	NA	NA	3342.21	Sampled
MW-6	12/02/09	3389.72	57.45	NA	47.47	NA	NA	NA	NA	3342.25	
MW-6	01/06/10	3389.72	57.45	NA	47.56	NA	NA	NA	NA	3342.16	
MW-6	02/09/10	3389.72	57.45	NA	47.81	NA	NA	NA	NA	3341.91	Sampled
MW-6	03/10/10	3389.72	57.45	NA	47.82	NA	NA	NA	NA	3341.90	
MW-6	04/07/10	3389.72	57.45	NA	47.88	NA	NA	NA	NA	3341.84	
MW-6	05/05/10	3389.72	57.45	NA	47.98	NA	NA	NA	NA	3341.74	
MW-6	05/12/10	3389.72	57.45	NA	47.96	NA	NA	NA	NA	3341.76	Sampled
MW-6	06/02/10	3389.72	57.45	NA	47.78	NA	NA	NA	NA	3341.94	
MW-6	07/07/10	3389.72	57.45	NA	47.60	NA	NA	NA	NA	3342.12	
MW-6	08/03/10	3389.72	57.45	NA	47.80	NA	NA	NA	NA	3341.92	
MW-6	08/26/10	3389.72	57.45	NA	47.82	NA	NA	NA	NA	3341.90	Sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-6	09/01/10	3389.72	57.45	NA	47.74	NA	NA	NA	NA	3341.98	
MW-6	10/13/10	3389.72	57.45	NA	47.78	NA	NA	NA	NA	3341.94	
MW-6	11/18/10	3389.72	57.45	NA	48.01	NA	NA	NA	NA	3341.71	Sampled
MW-6	11/23/10	3389.72	57.45	NA	48.00	NA	NA	NA	NA	3341.72	
MW-6	12/08/10	3389.72	57.45	NA	48.03	NA	NA	NA	NA	3341.69	
MW-6	01/12/11	3389.72	57.45	NA	48.04	NA	NA	NA	NA	3341.68	
MW-6	02/08/11	3389.72	57.45	NA	47.94	NA	NA	NA	NA	3341.78	
MW-6	02/24/11	3389.72	57.45	NA	47.88	NA	NA	NA	NA	3341.84	Sampled
MW-6	03/08/11	3389.72	57.45	NA	47.95	NA	NA	NA	NA	3341.77	
MW-6	04/13/11	3389.72	57.45	NA	48.04	NA	NA	NA	NA	3341.68	
MW-6	05/31/11	3389.72	57.45	NA	48.35	NA	NA	NA	NA	3341.37	Sampled
MW-6	07/06/11	3389.72	57.45	NA	48.37	NA	NA	NA	NA	3341.35	
MW-6	08/29/11	3389.72	57.45	NA	48.85	NA	NA	NA	NA	3340.87	Sampled
MW-6	09/14/11	3389.72	57.45	NA	48.89	NA	NA	NA	NA	3340.83	
MW-6	10/12/11	3389.72	57.45	NA	48.99	NA	NA	NA	NA	3340.73	
MW-6	11/28/11	3389.72	57.45	NA	49.00	NA	NA	NA	NA	3340.72	Sampled
MW-6	12/27/11	3389.72	57.45	NA	49.05	NA	NA	NA	NA	3340.67	
MW-6	01/18/12	3389.72	57.45	NA	48.87	NA	NA	NA	NA	3340.85	
MW-6	02/02/12	3389.72	57.45	NA	48.79	NA	NA	NA	NA	3340.93	
MW-6	02/15/12	3389.72	57.45	NA	48.75	NA	NA	NA	NA	3340.97	
MW-6	02/22/12	3389.72	57.45	NA	48.69	NA	NA	NA	NA	3341.03	
MW-6	04/20/12	3389.72	57.45	NA	48.70	NA	NA	NA	NA	3341.02	
MW-6	05/22/12	3389.72	57.45	NA	48.93	NA	NA	NA	NA	3340.79	
MW-6	07/18/12	3389.72	57.45	NA	49.49	NA	NA	NA	NA	3340.23	
MW-6	09/11/12	3389.72	57.45	NA	49.43	NA	NA	NA	NA	3340.29	
MW-6	10/16/12	3389.72	57.45	NA	49.34	NA	NA	NA	NA	3340.38	
MW-6	11/26/12	3389.72	57.45	NA	49.45	NA	NA	NA	NA	3340.27	
MW-6	12/11/12	3389.72	57.45	NA	49.44	NA	NA	NA	NA	3340.28	
MW-6	02/27/13	3389.72	57.45	NA	49.39	NA	NA	NA	NA	3340.33	
MW-6	06/10/13	3389.72	57.45	NA	49.52	NA	NA	NA	NA	3340.20	
MW-6	08/14/13	3389.72	57.45	NA	49.86	NA	NA	NA	NA	3339.86	
MW-6	09/11/13	3389.72	57.45	NA	49.97	NA	NA	NA	NA	3339.75	
MW-6	12/11/13	3389.72	57.45	NA	50.34	NA	NA	NA	NA	3339.38	
MW-6	02/26/14	3389.72	57.45	NA	50.71	NA		NA	NA	3339.01	
MW-6	03/05/14	3389.72	57.45	NA	50.69	NA		NA	NA	3339.03	Sampled
MW-6	06/06/14	3389.72	57.45	NA	50.90	NA		NA	NA	3338.82	Sampled
MW-6	09/18/14	3389.72	57.76	NA	50.80	NA		NA	NA	3338.92	Sampled
MW-6	11/12/14	3389.72	57.76	NA	50.45	NA		NA	NA	3339.27	Sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-6	02/24/15	3389.72	57.76	NA	50.12	NA		NA	NA	3339.60	Sampled
MW-6	06/13/15	3389.72	57.76	NA	49.63	NA		NA	NA	3340.09	Sampled
MW-6	08/27/15	3389.72	57.76	NA	49.78	NA		NA	NA	3339.94	Sampled
MW-6	11/15/15	3389.72	57.76	NA	49.93	NA		NA	NA	3339.79	Sampled
MW-6	03/08/16	3389.72	57.76	NA	49.53	NA		NA	NA	3340.19	Sampled
MW-6	05/20/16	3389.72	57.76	NA	48.45	NA		NA	NA	3341.27	Sampled
MW-6	09/21/16	3389.72	57.76	NA	49.40	NA		NA	NA	3340.32	Sampled
MW-6	12/16/16	3389.72	57.76	NA	48.98	NA		NA	NA	3340.74	Sampled
MW-6	05/16/17	3389.72	57.76	NA	48.54	NA		NA	NA	3341.18	Sampled
MW-6	09/13/17	3389.72	57.76	NA	48.23	NA		NA	NA	3341.49	Sampled
MW-6	11/29/17	3389.72	57.76	NA	48.05	NA		NA	NA	3341.67	Sampled
MW-6	03/08/18	3389.72	57.76	NA	47.78	NA		NA	NA	3341.94	Sampled
MW-6	06/06/18	3389.72	57.76	NA	47.73	NA		NA	NA	3341.99	Sampled
MW-6	09/12/18	3389.72	57.76	NA	47.92	NA		NA	NA	3341.80	Sampled
MW-6	11/29/18	3389.72	57.76	NA	47.79	NA		NA	NA	3341.93	Sampled
MW-6	02/14/19	3389.72	57.76	NA	47.64	NA		NA	NA	3342.08	Sampled
MW-6	05/10/19	3389.72	57.76	NA	47.73	NA		NA	NA	3341.99	Sampled
MW-6	08/27/19	3389.72	57.76	NA	47.51	NA		NA	NA	3342.21	Sampled
MW-6	11/19/19	3389.72	57.76	NA	47.29	NA		NA	NA	3342.43	Sampled
MW-7	05/24/06	3389.28	NG	NA	46.67	NA	NA	NA	NA	3342.61	
MW-7	06/07/06	3389.28	57.90	NA	46.69	NA	NA	NA	NA	3342.59	
MW-7	06/07/06	3389.28	NG	NA	46.77	NA	Hand Bailed	5.00	0.00	3342.51	
MW-7	06/15/06	3389.28	NG	NA	46.67	NA	NA	NA	NA	3342.61	Sampled
MW-7	06/29/06	3389.28	NG	NA	46.77	NA	NA	NA	NA	3342.51	
MW-7	07/11/06	3389.28	NG	NA	46.78	NA	NA	NA	NA	3342.50	
MW-7	07/25/06	3389.28	NG	NA	46.84	NA	NA	NA	NA	3342.44	
MW-7	08/09/06	3389.28	56.36	NA	46.94	NA	NA	NA	NA	3342.34	
MW-7	08/22/06	3389.28	NG	NA	46.98	NA	NA	NA	NA	3342.30	
MW-7	09/12/06	3389.28	56.54	NA	47.03	NA	NA	NA	NA	3342.25	Sampled
MW-7	09/19/06	3389.28	NG	NA	47.07	NA	NA	NA	NA	3342.21	
MW-7	10/03/06	3389.28	NG	NA	47.05	NA	NA	NA	NA	3342.23	
MW-7	10/17/06	3389.28	NG	NA	47.04	NA	NA	NA	NA	3342.24	
MW-7	10/31/06	3389.28	NG	NA	46.98	NA	NA	NA	NA	3342.30	
MW-7	11/15/06	3389.28	NG	NA	47.43	NA	NA	NA	NA	3341.85	
MW-7	12/06/06	3389.28	56.33	NA	46.88	NA	NA	NA	NA	3342.40	Sampled
MW-7	12/13/06	3389.28	NG	NA	47.00	NA	NA	NA	NA	3342.28	
MW-7	01/03/07	3389.28	NG	NA	46.75	NA	NA	NA	NA	3342.53	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-7	01/09/07	3389.28	NG	NA	46.81	NA	NA	NA	NA	3342.47	
MW-7	01/18/07	3389.28	NG	NA	46.71	NA	NA	NA	NA	3342.57	
MW-7	01/25/07	3389.28	NG	NA	46.70	NA	NA	NA	NA	3342.58	
MW-7	01/31/07	3389.28	NG	NA	46.62	NA	NA	NA	NA	3342.66	
MW-7	02/07/07	3389.28	NG	NA	46.65	NA	NA	NA	NA	3342.63	
MW-7	02/14/07	3389.28	NG	NA	46.69	NA	NA	NA	NA	3342.59	
MW-7	03/01/07	3389.28	55.99	NA	46.62	NA	NA	NA	NA	3342.66	Sampled
MW-7	05/03/07	3389.28	55.99	NA	46.53	NA	NA	NA	NA	3342.75	
MW-7	05/31/07	3389.28	55.98	NA	46.53	NA	NA	NA	NA	3342.75	Sampled
MW-7	06/06/07	3389.28	55.98	NA	46.50	NA	NA	NA	NA	3342.78	
MW-7	07/05/07	3389.28	56.01	NA	46.60	NA	NA	NA	NA	3342.68	
MW-7	07/31/07	3389.28	56.02	NA	46.63	NA	NA	NA	NA	3342.65	
MW-7	09/06/07	3389.28	56.02	NA	46.72	NA	NA	NA	NA	3342.56	Sampled
MW-7	10/04/07	3389.28	56.02	NA	46.78	NA	NA	NA	NA	3342.50	
MW-7	11/13/07	3389.28	58.97	NA	46.80	NA	NA	NA	NA	3342.48	Sampled
MW-7	12/05/07	3389.28	58.97	NA	46.75	NA	NA	NA	NA	3342.53	
MW-7	01/09/08	3389.28	56.10	NA	46.75	NA	NA	NA	NA	3342.53	
MW-7	02/06/08	3389.28	56.10	NA	46.75	NA	NA	NA	NA	3342.53	
MW-7	02/27/08	3389.28	55.92	NA	46.72	NA	NA	NA	NA	3342.56	Sampled
MW-7	04/02/08	3389.28	55.92	NA	46.69	NA	NA	NA	NA	3342.59	
MW-7	05/22/08	3389.28	55.92	NA	46.63	NA	NA	NA	NA	3342.65	Sampled
MW-7	06/26/08	3389.28	55.92	NA	46.72	NA	NA	NA	NA	3342.56	
MW-7	07/07/08	3389.28	55.92	NA	46.72	NA	NA	NA	NA	3342.56	
MW-7	08/20/08	3389.28	55.88	NA	46.77	NA	NA	NA	NA	3342.51	Sampled
MW-7	10/15/08	3389.28	55.89	NA	47.20	NA	NA	NA	NA	3342.08	
MW-7	11/19/08	3389.28	55.89	NA	47.08	NA	NA	NA	NA	3342.20	
MW-7	12/21/08	3389.28	55.89	NA	47.18	NA	NA	NA	NA	3342.10	
MW-7	01/07/09	3389.28	55.53	NA	47.05	NA	NA	NA	NA	3342.23	
MW-7	02/04/09	3389.28	55.48	NA	47.05	NA	NA	NA	NA	3342.23	
MW-7	02/17/09	3389.28	55.82	NA	46.89	NA	NA	NA	NA	3342.39	Sampled
MW-7	03/04/09	3389.28	55.82	NA	46.90	NA	NA	NA	NA	3342.38	
MW-7	04/08/09	3389.28	55.82	NA	46.90	NA	NA	NA	NA	3342.38	
MW-7	05/07/09	3389.28	55.82	NA	47.11	NA	NA	NA	NA	3342.17	
MW-7	05/19/09	3389.28	55.82	NA	47.13	NA		0.00	5.00	3342.15	Sampled
MW-7	06/03/09	3389.28	55.82	NA	47.11	NA	NA	NA	NA	3342.17	
MW-7	07/15/09	3389.28	55.82	NA	47.17	NA	NA	NA	NA	3342.11	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-7	08/05/09	3389.28	55.82	NA	47.07	NA	NA	NA	NA	3342.21	
MW-7	08/26/09	3389.28	55.45	NA	47.13	NA		0.00	5.00	3342.15	Sampled
MW-7	09/02/09	3389.28	55.45	NA	47.17	NA	NA	NA	NA	3342.11	
MW-7	10/07/09	3389.28	55.45	NA	47.10	NA	NA	NA	NA	3342.18	
MW-7	11/04/09	3389.28	55.45	NA	47.08	NA	NA	NA	NA	3342.20	
MW-7	11/17/09	3389.28	55.45	NA	47.06	NA	NA	NA	NA	3342.22	Sampled
MW-7	12/02/09	3389.28	55.45	NA	47.03	NA	NA	NA	NA	3342.25	
MW-7	01/06/10	3389.28	55.45	NA	47.10	NA	NA	NA	NA	3342.18	
MW-7	02/09/10	3389.28	55.45	NA	47.30	NA	NA	NA	NA	3341.98	Sampled
MW-7	03/10/10	3389.28	55.45	NA	47.29	NA	NA	NA	NA	3341.99	
MW-7	04/07/10	3389.28	55.45	NA	47.37	NA	NA	NA	NA	3341.91	
MW-7	05/05/10	3389.28	55.45	NA	47.45	NA	NA	NA	NA	3341.83	
MW-7	05/12/10	3389.28	55.45	NA	47.45	NA	NA	NA	NA	3341.83	Sampled
MW-7	06/02/10	3389.28	55.45	NA	47.30	NA	NA	NA	NA	3341.98	
MW-7	07/07/10	3389.28	55.45	NA	47.17	NA	NA	NA	NA	3342.11	
MW-7	08/03/10	3389.28	55.45	NA	47.28	NA	NA	NA	NA	3342.00	
MW-7	08/26/10	3389.28	55.45	NA	47.27	NA	NA	NA	NA	3342.01	Sampled
MW-7	09/01/10	3389.28	55.45	NA	47.24	NA	NA	NA	NA	3342.04	
MW-7	10/13/10	3389.28	55.45	NA	47.28	NA	NA	NA	NA	3342.00	
MW-7	11/18/10	3389.28	55.45	NA	47.47	NA	NA	NA	NA	3341.81	Sampled
MW-7	11/23/10	3389.28	55.45	NA	47.51	NA	NA	NA	NA	3341.77	
MW-7	12/08/10	3389.28	55.45	NA	47.55	NA	NA	NA	NA	3341.73	
MW-7	01/12/11	3389.28	55.45	NA	47.56	NA	NA	NA	NA	3341.72	
MW-7	02/08/11	3389.28	55.45	NA	47.45	NA	NA	NA	NA	3341.83	
MW-7	02/24/11	3389.28	55.45	NA	47.41	NA	NA	NA	NA	3341.87	Sampled
MW-7	03/08/11	3389.28	55.45	NA	47.48	NA	NA	NA	NA	3341.80	
MW-7	04/13/11	3389.28	55.45	NA	47.59	NA	NA	NA	NA	3341.69	
MW-7	05/31/11	3389.28	55.45	NA	47.83	NA	NA	NA	NA	3341.45	Sampled
MW-7	07/06/11	3389.28	55.45	NA	47.91	NA	NA	NA	NA	3341.37	
MW-7	08/29/11	3389.28	55.45	NA	48.36	NA	NA	NA	NA	3340.92	Sampled
MW-7	09/14/11	3389.28	55.45	NA	48.40	NA	NA	NA	NA	3340.88	
MW-7	10/12/11	3389.28	55.45	NA	48.50	NA	NA	NA	NA	3340.78	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-7	11/28/11	3389.28	55.45	NA	48.53	NA	NA	NA	NA	3340.75	Sampled
MW-7	12/27/11	3389.28	55.45	NA	48.52	NA	NA	NA	NA	3340.76	
MW-7	01/18/12	3389.28	55.45	NA	48.41	NA	NA	NA	NA	3340.87	
MW-7	02/02/12	3389.28	55.45	NA	48.35	NA	NA	NA	NA	3340.93	
MW-7	02/15/12	3389.28	55.45	NA	48.32	NA	NA	NA	NA	3340.96	
MW-7	02/22/12	3389.28	55.45	NA	48.22	NA	NA	NA	NA	3341.06	
MW-7	04/20/12	3389.28	55.45	NA	48.23	NA	NA	NA	NA	3341.05	
MW-7	05/22/12	3389.28	55.45	NA	48.00	NA	NA	NA	NA	3341.28	
MW-7	07/18/12	3389.28	55.45	NA	49.00	NA	NA	NA	NA	3340.28	Sampled
MW-7	09/11/12	3389.28	55.45	NA	48.98	NA	NA	NA	NA	3340.30	
MW-7	10/16/12	3389.28	55.45	NA	48.95	NA	NA	NA	NA	3340.33	
MW-7	11/26/12	3389.28	55.45	NA	48.98	NA	NA	NA	NA	3340.30	
MW-7	12/11/12	3389.28	55.45	NA	48.98	NA	NA	NA	NA	3340.30	
MW-7	02/27/13	3389.28	55.45	NA	48.94	NA	NA	NA	NA	3340.34	
MW-7	06/10/13	3389.28	55.45	NA	49.05	NA	NA	NA	NA	3340.23	
MW-7	08/14/13	3389.28	55.45	NA	49.38	NA	NA	NA	NA	3339.90	
MW-7	09/11/13	3389.28	55.45	NA	49.51	NA	NA	NA	NA	3339.77	
MW-7	12/11/13	3389.28	55.45	NA	49.84	NA	NA	NA	NA	3339.44	
MW-7	02/26/14	3389.28	55.45	NA	50.20	NA		NA	NA	3339.08	
MW-7	03/05/14	3389.28	55.45	NA	50.19	NA		NA	NA	3339.09	Sampled
MW-7	06/06/14	3389.28	55.45	NA	50.36	NA		NA	NA	3338.92	Sampled
MW-7	09/18/14	3389.28	55.51	NA	50.33	NA		NA	NA	3338.95	Sampled
MW-7	11/12/14	3389.28	55.51	NA	49.97	NA		NA	NA	3339.31	Sampled
MW-7	02/24/15	3389.28	55.35	NA	49.63	NA		NA	NA	3339.65	Sampled
MW-7	06/13/15	3389.28	55.35	NA	49.14	NA		NA	NA	3340.14	Sampled
MW-7	08/27/15	3389.28	55.35	NA	49.28	NA		NA	NA	3340.00	Sampled
MW-7	11/15/15	3389.28	55.35	NA	49.44	NA		NA	NA	3339.84	Sampled
MW-7	03/08/16	3389.28	55.35	NA	49.02	NA		NA	NA	3340.26	Sampled
MW-7	05/20/16	3389.28	55.35	NA	48.94	NA		NA	NA	3340.34	Sampled
MW-7	09/21/16	3389.28	55.35	NA	48.91	NA		NA	NA	3340.37	
MW-7	12/16/16	3389.28	55.35	NA	48.53	NA		NA	NA	3340.75	sampled
MW-7	05/16/17	3389.28	55.35	NA	48.09	NA		NA	NA	3341.19	sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-7	09/13/17	3389.28	55.35	NA	47.78	NA		NA	NA	3341.50	sampled
MW-7	11/29/17	3389.28	55.34	NA	47.59	NA		NA	NA	3341.69	sampled
MW-7	03/08/18	3389.28	55.34	NA	47.34	NA		NA	NA	3341.94	sampled
MW-7	06/06/18	3389.28	55.34	NA	47.28	NA		NA	NA	3342.00	sampled
MW-7	09/12/18	3389.28	55.34	NA	47.50	NA		NA	NA	3341.78	sampled
MW-7	11/29/18	3389.28	55.34	NA	47.33	NA		NA	NA	3341.95	sampled
MW-7	02/14/19	3389.28	55.34	NA	47.19	NA		NA	NA	3342.09	Sampled
MW-7	05/10/19	3389.28	55.34	NA	47.28	NA		NA	NA	3342.00	Sampled
MW-7	08/27/19	3389.28	55.34	NA	47.07	NA		NA	NA	3342.21	Sampled
MW-7	11/19/19	3389.28	55.34	NA	46.85	NA		NA	NA	3342.43	Sampled
RW-1	08/12/14	3389.34		49.49	50.08	0.59		0.25	11.75	3339.76	
RW-1	08/21/14	3389.34		49.94	50.00	0.06		NA	NA	3339.39	
RW-1	08/26/14	3389.34		49.97	50.03	0.06		0.75	9.25	3339.36	
RW-1	09/03/14	3389.34		49.97	50.02	0.05		0.25	9.75	3339.36	
RW-1	09/09/14	3389.34		49.88	50.00	0.12		0.25	9.75	3339.44	
RW-1	09/18/14	3389.34		49.85	50.00	0.15		0.50	29.50	3339.47	Sampled
RW-1	09/24/14	3389.34		49.75	49.82	0.07		0.25	4.75	3339.58	
RW-1	09/29/14	3389.34		49.75	49.84	0.09		NA	NA	3339.58	
RW-1	10/13/14	3389.34		49.68	49.70	0.02		0.25	9.75	3339.66	
RW-1	10/20/14	3389.34		49.60	49.64	0.04		0.25	9.75	3339.73	
RW-1	10/28/14	3389.34		49.55	49.59	0.04		NA	NA	3339.78	
RW-1	11/04/14	3389.34		49.58	49.61	0.03		NA	NA	3339.76	
RW-1	11/12/14	3389.34		49.53	49.55	0.02		NA	NA	3339.81	
RW-1	11/20/14	3389.34		49.37	49.40	0.03		NA	NA	3339.97	
RW-1	11/25/14	3389.34		49.33	49.37	0.04		NA	NA	3340.00	
RW-1	12/05/14	3389.34		49.34	49.42	0.08		0.25	4.75	3339.99	
RW-1	12/17/14	3389.34		49.32	49.36	0.04		NA	NA	3340.01	
RW-1	12/22/14	3389.34		nd	49.38	nd		sheen	NA	3339.96	
RW-1	12/29/14	3389.34		nd	49.37	nd		sheen	NA	3339.97	
RW-1	01/05/15	3389.34		nd	48.66	nd		NA	10.00	3340.68	
RW-1	01/07/15	3389.34		nd	49.32	nd		NA	NA	3340.02	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	01/14/15	3389.34		48.98	49.27	0.29		NA	NA	3340.32	
RW-1	01/21/15	3389.34		nd	49.25	nd		NA	NA	3340.09	
RW-1	01/28/15	3389.34		nd	49.23	nd		NA	NA	3340.11	
RW-1	02/06/15	3389.34		nd	49.23	nd		NA	NA	3340.11	
RW-1	02/10/15	3389.34		nd	49.21	nd		NA	NA	3340.13	
RW-1	02/17/15	3389.34		nd	49.21	nd		NA	NA	3340.13	
RW-1	02/24/15	3389.34		nd	49.18	nd		NA	NA	3340.16	
RW-1	03/05/15	3389.34		49.70	49.72	0.02		0.50	9.50	3339.64	
RW-1	03/11/15	3389.34		49.13	49.16	0.03		NA	NA	3340.21	
RW-1	03/17/15	3389.34		49.15	49.20	0.05		NA	NA	3340.18	
RW-1	03/23/15	3389.34		49.11	49.19	0.08		NA	NA	3340.22	
RW-1	03/31/15	3389.34		49.15	49.33	0.18		0.50	15.40	3340.16	CLEAR @4GAL
RW-1	04/07/15	3389.34		49.11	49.14	0.03		0.25	9.75	3340.23	
RW-1	04/15/15	3389.34		49.08	49.13	0.05		0.25	9.75	3340.25	
RW-1	04/21/15	3389.34		49.07	49.10	0.03		NA	NA	3340.27	
RW-1	04/29/15	3389.34		48.95	48.98	0.03		0.25	9.50	3340.39	
RW-1	05/06/15	3389.34		47.88	47.89	0.01		0.25	9.75	3341.46	
RW-1	05/27/15	3389.34		nd	48.78	nd		NA	10.00	3340.56	
RW-1	06/04/15	3389.34		nd	48.61	nd		NA	10.00	3340.73	
RW-1	06/09/15	3389.34		nd	48.69	nd		NA	10.00	3340.65	
RW-1	06/13/15	3389.34	64.60	nd	48.61	nd		NA	NA	3340.73	Sampled
RW-1	07/01/15	3389.34	64.60	nd	48.60	nd		NA	NA	3340.74	
RW-1	07/08/15	3389.34	64.60	nd	48.59	nd		NA	NA	3340.75	
RW-1	07/28/15	3389.34	64.60	nd	ng	nd		NA	10.00	ng	interface malfunction
RW-1	08/05/15	3389.34	64.60	nd	48.58	nd		NA	NA	3340.76	
RW-1	08/12/15	3389.34	64.60	nd	48.65	nd		NA	NA	3340.69	
RW-1	08/20/15	3389.34	64.60	nd	48.75	nd		NA	10.00	3340.59	
RW-1	08/27/15	3389.34	64.60	nd	48.81	nd		NA	NA	3340.53	
RW-1	09/01/15	3389.34	64.60	nd	48.86	nd		NA	10.00	3340.48	
RW-1	09/10/15	3389.34	64.60	48.95	48.97	0.02		NA	NA	3340.39	
RW-1	09/16/15	3389.34	64.60	48.99	49.01	0.02		0.25	9.75	3340.35	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	09/28/15	3389.34	64.60	49.02	49.08	0.06		0.25	9.75	3340.31	
RW-1	10/07/15	3389.34	64.60	49.03	49.05	0.02		0.25	9.75	3340.31	
RW-1	10/13/15	3389.34	64.60	sheen	49.05	sheen		0.25	9.75	3340.29	
RW-1	10/20/15	3389.34	64.60	sheen	49.05	sheen		0.25	9.75	3340.29	
RW-1	10/28/15	3389.34	64.60	49.04	49.05	0.01		0.25	9.75	3340.30	
RW-1	11/03/15	3389.34	64.60	sheen	49.03	sheen		NA	NA	3340.31	
RW-1	11/12/15	3389.34	64.60	49.01	49.02	0.01		NA	10.00	3340.33	
RW-1	11/15/15	3389.34	64.60	sheen	48.94	sheen		NA	NA	3340.40	
RW-1	11/17/15	3389.34	64.60	48.91	48.92	0.01		NA	NA	3340.43	
RW-1	11/24/15	3389.34	64.60	48.92	48.93	0.01		NA	NA	3340.42	
RW-1	12/09/15	3389.34	64.60	48.83	48.84	0.01		NA	10.00	3340.51	
RW-1	12/15/15	3389.34	64.60	nd	48.86	nd		NA	NA	3340.48	
RW-1	12/31/15	3389.34	64.60	nd	48.78	nd		NA	NA	3340.56	
RW-1	01/05/16	3389.34	64.60	nd	48.66	nd		NA	10.00	3340.68	
RW-1	01/19/16	3389.34	64.60	nd	48.65	nd		sheen	10.00	3340.69	
RW-1	01/26/16	3389.34	64.60	nd	48.64	nd		NA	NA	3340.70	
RW-1	02/02/16	3389.34	64.60	nd	48.58	nd		NA	10.00	3340.76	
RW-1	02/09/16	3389.34	64.60	nd	48.53	nd		NA	10.00	3340.81	
RW-1	02/17/16	3389.34	64.60	nd	48.49	nd		NA	10.00	3340.85	
RW-1	02/24/16	3389.34	64.60	nd	48.56	nd		NA	10.00	3340.78	
RW-1	03/01/16	3389.34	64.60	nd	48.58	nd		NA	NA	3340.76	
RW-1	03/08/16	3389.34	64.60	nd	48.57	nd		NA	NA	3340.77	
RW-1	03/15/16	3389.34	64.60	nd	48.62	nd		NA	NA	3340.72	
RW-1	03/22/16	3389.34	64.60	nd	48.58	nd		NA	NA	3340.76	
RW-1	03/29/16	3389.34	64.60	nd	48.59	nd		NA	10.00	3340.75	
RW-1	04/05/16	3389.34	64.60	nd	48.64	nd		NA	NA	3340.70	
RW-1	04/12/16	3389.34	64.60	nd	48.68	nd		NA	NA	3340.66	
RW-1	04/19/16	3389.34	64.60	nd	48.47	nd		NA	NA	3340.87	
RW-1	04/27/16	3389.34	64.60	nd	48.45	nd		NA	NA	3340.89	
RW-1	05/05/16	3389.34	64.60	nd	48.43	nd		NA	NA	3340.91	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	05/12/16	3389.34	64.60	nd	48.41	nd		NA	NA	3340.93	
RW-1	05/20/16	3389.34	64.60	48.42	48.43	0.01		sheen	30.00	3340.92	Sampled
RW-1	05/26/16	3389.34	64.60	nd	48.46	nd		NA	NA	3340.88	
RW-1	06/02/16	3389.34	64.60	nd	48.55	nd		NA	NA	3340.79	
RW-1	06/10/16	3389.34	64.60	nd	48.42	nd		NA	NA	3340.92	
RW-1	06/23/16	3389.34	64.60	nd	48.38	nd		NA	NA	3340.96	
RW-1	06/27/16	3389.34	64.60	nd	48.30	nd		NA	NA	3341.04	
RW-1	07/06/16	3389.34	64.60	nd	48.28	nd		NA	NA	3341.06	
RW-1	07/15/16	3389.34	64.60	nd	48.25	nd		NA	10.00	3341.09	
RW-1	07/27/16	3389.34	64.60	nd	48.23	nd		NA	10.00	3341.11	
RW-1	08/03/16	3389.34	64.60	48.33	48.34	0.01		sheen	10.00	3341.01	
RW-1	08/12/16	3389.34	64.60	nd	48.02	nd		NA	10.00	3341.32	
RW-1	08/17/16	3389.34	64.60	nd	48.31	nd		NA	10.00	3341.03	
RW-1	08/24/16	3389.34	64.60	sheen	48.38	sheen		NA	10.00	3340.96	
RW-1	08/31/16	3389.34	64.60	sheen	48.41	sheen		NA	NA	3340.93	
RW-1	09/07/16	3389.34	64.60	sheen	48.43	sheen		sheen	10.00	3340.91	
RW-1	09/16/16	3389.34	64.60	sheen	48.51	sheen		NA	10.00	3340.83	
RW-1	09/21/16	3389.34	64.60	nd	48.44	nd		NA	NA	3340.90	
RW-1	09/28/16	3389.34	64.60	nd	48.35	nd		NA	10.00	3340.99	
RW-1	10/12/16	3389.34	64.60	sheen	48.27	sheen		sheen	10.00	3341.07	
RW-1	10/19/16	3389.34	64.60	sheen	48.22	sheen		NA	10.00	3341.12	
RW-1	10/25/16	3389.34	64.60	48.21	48.22	0.01		NA	10.00	3341.13	
RW-1	11/01/16	3389.34	64.60	nd	48.17	nd		NA	10.00	3341.17	
RW-1	11/09/16	3389.34	64.60	nd	48.16	nd		NA	10.00	3341.18	
RW-1	11/16/16	3389.34	64.60	nd	48.11	nd		NA	10.00	3341.23	
RW-1	11/22/16	3389.34	64.60	nd	48.07	nd		NA	10.00	3341.27	
RW-1	11/30/16	3389.34	64.60	nd	48.10	nd		NA	10.00	3341.24	
RW-1	12/06/16	3389.34	64.60	sheen	48.06	sheen		NA	10.00	3341.28	
RW-1	12/16/16	3389.34	64.60	sheen	48.00	sheen		NA	NA	3341.34	
RW-1	12/22/16	3389.34	64.60	sheen	48.02	sheen		NA	NA	3341.32	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	12/28/16	3389.34	64.60	nd	47.96	nd		NA	NA	3341.38	
RW-1	01/05/17	3389.34	64.60	nd	47.97	nd		NA	10.00	3341.37	
RW-1	01/11/17	3389.34	64.60	nd	47.91	nd		NA	10.00	3341.43	
RW-1	01/18/17	3389.34	64.60	nd	47.91	nd		NA	10.00	3341.43	
RW-1	01/25/17	3389.34	64.60	nd	47.91	nd		NA	10.00	3341.43	
RW-1	02/01/17	3389.34	64.60	nd	47.87	nd		NA	10.00	3341.47	
RW-1	02/08/17	3389.34	64.60	nd	47.81	nd		NA	10.00	3341.53	
RW-1	02/15/17	3389.34	64.60	nd	47.86	nd		NA	10.00	3341.48	
RW-1	02/23/17	3389.34	64.60	nd	47.80	nd		NA	10.00	3341.54	
RW-1	03/08/17	3389.34	64.60	sheen	47.81	sheen		NA	10.00	3341.53	
RW-1	03/14/17	3389.34	64.60	nd	47.77	nd		NA	10.00	3341.57	
RW-1	03/21/17	3389.34	64.60	nd	47.73	nd		NA	10.00	3341.61	
RW-1	03/29/17	3389.34	64.60	sheen	47.74	sheen		NA	10.00	3341.60	
RW-1	04/05/17	3389.34	64.60	sheen	47.75	sheen		NA	10.00	3341.59	
RW-1	04/12/17	3389.34	64.60	sheen	47.74	sheen		NA	10.00	3341.60	
RW-1	04/19/17	3389.34	64.60	nd	47.66	nd		NA	10.00	3341.68	
RW-1	04/26/17	3389.34	64.60	nd	47.69	nd		NA	10.00	3341.65	
RW-1	05/03/17	3389.34	64.60	nd	47.63	nd		NA	10.00	3341.71	
RW-1	05/16/17	3389.34	64.60	sheen	47.57	sheen		NA	NA	3341.77	Sampled
RW-1	05/25/17	3389.34	64.60	nd	47.66	nd		NA	10.00	3341.68	
RW-1	06/01/17	3389.34	64.60	nd	47.60	nd		NA	10.00	3341.74	
RW-1	06/05/17	3389.34	64.60	nd	47.53	nd		NA	10.00	3341.81	
RW-1	06/13/17	3389.34	64.60	sheen	47.50	sheen		sheen	10.00	3341.84	
RW-1	06/21/17	3389.34	64.60	sheen	47.55	sheen		sheen	10.00	3341.79	
RW-1	06/28/17	3389.34	64.60	nd	47.48	nd		NA	10.00	3341.86	
RW-1	07/12/17	3389.34	64.60	sheen	47.44	sheen		sheen	10.00	3341.90	
RW-1	07/18/17	3389.34	64.60	sheen	47.42	sheen		NA	10.00	3341.92	
RW-1	07/26/17	3389.34	64.60	sheen	47.40	sheen		sheen	10.00	3341.94	
RW-1	08/02/17	3389.34	64.60	sheen	47.42	sheen		NA	10.00	3341.92	
RW-1	08/09/17	3389.34	64.60	sheen	47.40	sheen		sheen	10.00	3341.94	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	08/16/17	3389.34	64.60	sheen	47.48	sheen		NA	10.00	3341.86	
RW-1	08/23/17	3389.34	64.60	sheen	47.45	sheen		NA	10.00	3341.89	
RW-1	08/30/17	3389.34	64.60	sheen	47.40	sheen		NA	10.00	3341.94	
RW-1	09/07/17	3389.34	64.60	sheen	47.42	sheen		sheen	10.00	3341.92	
RW-1	09/13/17	3389.34	64.60	sheen	47.40	sheen		NA	NA	3341.94	
RW-1	09/26/17	3389.34	64.60	sheen	47.32	sheen		sheen	10.00	3342.02	
RW-1	10/04/17	3389.34	64.60	sheen	47.32	sheen		NA	NA	3342.02	
RW-1	10/12/17	3389.34	64.60	sheen	47.35	sheen		NA	10.00	3341.99	
RW-1	10/18/17	3389.34	64.60	nd	47.36	nd		NA	NA	3341.98	
RW-1	10/26/17	3389.34	64.60	nd	47.40	nd		NA	NA	3341.94	
RW-1	11/01/17	3389.34	64.60	sheen	47.42	sheen		NA	NA	3341.92	
RW-1	11/09/17	3389.34	64.60	nd	47.40	nd		NA	NA	3341.94	
RW-1	11/15/17	3389.34	64.60	nd	47.14	nd		NA	10.00	3342.20	
RW-1	11/29/17	3389.34	64.60	sheen	47.21	sheen		NA	NA	3342.13	
RW-1	12/06/17	3389.34	64.60	nd	47.11	nd		NA	NA	3342.23	
RW-1	12/13/17	3389.34	64.60	nd	47.05	nd		NA	10.00	3342.29	
RW-1	01/04/18	3389.34	64.60	nd	47.03	nd		NA	10.00	3342.31	
RW-1	01/10/18	3389.34	64.60	nd	46.95	nd		NA	NA	3342.39	
RW-1	01/17/18	3389.34	64.60	nd	46.97	nd		NA	NA	3342.37	
RW-1	01/26/18	3389.34	64.60	nd	46.86	nd		NA	NA	3342.48	
RW-1	02/01/18	3389.34	64.60	nd	46.90	nd		NA	NA	3342.44	
RW-1	02/08/18	3389.34	64.60	nd	46.87	nd		NA	10.00	3342.47	
RW-1	02/14/18	3389.34	64.60	nd	46.83	nd		NA	NA	3342.51	
RW-1	02/21/18	3389.34	64.60	nd	46.82	nd		NA	10.00	3342.52	
RW-1	02/28/18	3389.34	64.60	nd	46.80	nd		NA	NA	3342.54	
RW-1	03/08/18	3389.34	64.60	sheen	46.90	sheen		NA	NA	3342.44	Sampled
RW-1	03/15/18	3389.34	64.60	nd	46.88	nd		NA	10.00	3342.46	
RW-1	03/22/18	3389.34	64.60	nd	46.82	nd		NA	10.00	3342.52	
RW-1	03/28/18	3389.34	64.60	nd	46.85	nd		NA	10.00	3342.49	
RW-1	04/03/18	3389.34	64.60	sheen	46.86	sheen		NA	10.00	3342.48	

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	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	04/10/18	3389.34	64.60	nd	46.90	nd		NA	10.00	3342.44	
RW-1	04/19/18	3389.34	64.60	nd	46.92	nd		NA	10.00	3342.42	
RW-1	04/25/18	3389.34	64.60	nd	46.92	nd		NA	10.00	3342.42	
RW-1	05/02/18	3389.34	64.60	nd	46.80	nd		sheen	10.00	3342.54	
RW-1	05/10/18	3389.34	64.60	sheen	46.86	sheen		NA	10.00	3342.48	
RW-1	05/15/18	3389.34	64.60	sheen	46.82	sheen		NA	NA	3342.52	
RW-1	05/23/18	3389.34	64.60	sheen	46.80	sheen		NA	10.00	3342.54	
RW-1	06/07/18	3389.34	64.50	nd	46.81	nd		NA	NA	3342.53	Sampled
RW-1	06/13/18	3389.34	64.50	nd	46.88	nd		NA	10.00	3342.46	
RW-1	06/20/18	3389.34	64.50	nd	46.94	nd		NA	10.00	3342.40	
RW-1	06/28/18	3389.34	64.50	nd	46.84	nd		NA	10.00	3342.50	
RW-1	07/05/18	3389.34	64.50	nd	46.88	nd		NA	10.00	3342.46	
RW-1	07/12/18	3389.34	64.50	nd	46.88	nd		NA	NA	3342.46	
RW-1	07/20/18	3389.34	64.50	nd	46.70	nd		NA	10.00	3342.64	
RW-1	07/26/18	3389.34	64.50	nd	46.96	nd		NA	10.00	3342.38	
RW-1	08/01/18	3389.34	64.50	nd	46.88	nd		NA	10.00	3342.46	
RW-1	08/08/18	3389.34	64.50	nd	46.82	nd		NA	10.00	3342.52	
RW-1	08/14/18	3389.34	64.50	nd	46.97	nd		NA	10.00	3342.37	
RW-1	08/21/18	3389.34	64.60	nd	46.76	nd		NA	10.00	3342.58	
RW-1	08/30/18	3389.34	64.60	nd	46.79	nd		NA	10.00	3342.55	
RW-1	09/12/18	3389.34	64.60	nd	47.06	nd		NA	10.00	3342.28	
RW-1	09/18/18	3389.34	64.60	nd	47.03	nd		NA	10.00	3342.31	
RW-1	09/26/18	3389.34	64.60	nd	47.00	nd		NA	10.00	3342.34	
RW-1	10/04/18	3389.34	64.60	nd	47.06	nd		NA	10.00	3342.28	
RW-1	10/11/18	3389.34	64.60	nd	47.10	nd		NA	NA	3342.24	
RW-1	10/17/18	3389.34	64.60	nd	46.91	nd		NA	10.00	3342.43	
RW-1	10/24/18	3389.34	64.50	nd	47.01	nd		NA	NA	3342.33	Sampled
RW-1	11/01/18	3389.34	64.50	nd	46.50	nd		NA	10.00	3342.84	
RW-1	11/07/18	3389.34	64.50	nd	46.54	nd		NA	10.00	3342.80	
RW-1	11/13/18	3389.34	64.50	nd	46.58	nd		NA	10.00	3342.76	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	11/21/18	3389.34	64.50	nd	46.76	nd		NA	NA	3342.58	
RW-1	11/29/18	3389.34	64.50	sheen	46.92	sheen		NA	10.00	3342.42	
RW-1	12/07/18	3389.34	64.50	nd	46.95	nd		NA	10.00	3342.39	
RW-1	12/13/18	3389.34	64.50	nd	46.92	nd		NA	10.00	3342.42	
RW-1	12/19/18	3389.34	64.50	nd	46.90	nd		NA	10.00	3342.44	
RW-1	01/09/19	3389.34	64.50	nd	46.91	nd		NA	10.00	3342.43	
RW-1	01/30/19	3389.34	64.50	nd	46.84	nd		NA	10.00	3342.50	
RW-1	02/06/19	3389.34	64.50	nd	46.86	nd		NA	10.00	3342.48	
RW-1	02/14/19	3389.34	64.50	nd	46.74	nd		NA	10.00	3342.60	
RW-1	02/28/19	3389.34	64.50	46.80	46.81	0.01		NA	10.00	3342.54	
RW-1	03/06/19	3389.34	64.50	nd	46.71	nd		NA	10.00	3342.63	
RW-1	04/25/19	3389.34	64.50	nd	46.71	nd		NA	10.00	3342.63	
RW-1	05/01/19	3389.34	64.50	nd	46.59	nd		NA	10.00	3342.75	
RW-1	05/10/19	3389.34	64.50	nd	46.62	nd		NA	10.00	3342.72	
RW-1	05/17/19	3389.34	64.50	nd	46.62	nd		NA	10.00	3342.72	
RW-1	05/24/19	3389.34	64.50	nd	46.64	nd		NA	10.00	3342.70	
RW-1	06/05/19	3389.34	64.50	nd	46.65	nd		NA	10.00	3342.69	
RW-1	06/14/19	3389.34	64.50	nd	46.75	nd		NA	10.00	3342.59	
RW-1	06/20/19	3389.34	64.50	nd	46.65	nd		NA	10.00	3342.69	
RW-1	06/26/19	3389.34	64.50	nd	46.62	nd		NA	10.00	3342.72	
RW-1	07/03/19	3389.34	64.50	nd	46.54	nd		NA	10.00	3342.80	
RW-1	07/11/19	3389.34	64.50	nd	46.60	nd		NA	10.00	3342.74	
RW-1	07/26/19	3389.34	64.50	nd	46.53	nd		NA	10.00	3342.81	
RW-1	08/10/19	3389.34	64.50	sheen	46.55	sheen		sheen	10.00	3342.79	
RW-1	08/15/19	3389.34	64.50	sheen	46.56	sheen		sheen	10.00	3342.78	
RW-1	08/27/19	3389.34	64.50	sheen	46.56	sheen		NA	10.00	3342.78	
RW-1	09/13/19	3389.34	64.50	nd	46.24	nd		NA	10.00	3343.10	
RW-1	09/20/19	3389.34	64.50	nd	46.52	nd		NA	NA	3342.82	
RW-1	10/09/19	3389.34	64.50	nd	46.48	nd		NA	10.00	3342.86	
RW-1	10/17/19	3389.34	64.50	nd	46.46	nd		NA	NA	3342.88	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	11/01/19	3389.34	64.50	nd	46.46	nd		NA	NA	3342.88	
RW-1	11/08/19	3389.34	64.50	nd	46.46	nd		NA	NA	3342.88	
RW-1	11/15/19	3389.34	64.50	46.45	46.48	0.03		sheen	10.00	3342.89	
RW-1	11/19/19	3389.34	64.50	nd	46.44	nd		NA	NA	3342.90	
RW-1	11/26/19	3389.34	64.50	nd	46.29	nd		NA	NA	3343.05	
RW-1	12/03/19	3389.34	64.50	46.40	46.41	0.01		sheen	10.00	3342.94	
RW-1	12/13/19	3389.34	64.50	46.38	46.40	0.02		sheen	10.00	3342.96	
RW-1	12/20/19	3389.34	64.50	nd	46.42	nd		NA	NA	3342.92	
RW-1	12/27/19	3389.34	64.50	nd	46.40	nd		NA	NA	3342.94	
RW-2	08/12/14	3389.06		49.73	49.74	0.01		Sheen	10.00	3339.33	
RW-2	08/21/14	3389.06		49.68	49.73	0.05		NA	NA	3339.37	
RW-2	08/26/14	3389.06		49.69	49.78	0.09		Sheen	10.00	3339.36	
RW-2	09/09/14	3389.06		49.62	49.73	0.11		0.25	9.75	3339.42	
RW-2	09/18/14	3389.06		49.59	49.74	0.15		Sheen	30.00	3339.45	Sampled
RW-2	09/24/14	3389.06		49.46	49.58	0.12		0.25	9.75	3339.58	
RW-2	09/29/14	3389.06		49.48	49.59	0.11		NA	NA	3339.56	
RW-2	10/13/14	3389.06		49.39	49.58	0.19		0.50	9.50	3339.64	
RW-2	10/20/14	3389.06		49.40	49.55	0.15		0.50	9.50	3339.64	
RW-2	10/28/14	3389.06		49.24	49.59	0.35		0.50	9.50	3339.77	
RW-2	11/04/14	3389.06		49.17	49.28	0.11		0.50	8.50	3339.87	
RW-2	11/12/14	3389.06		49.13	49.42	0.29		NA	NA	3339.89	
RW-2	11/20/14	3389.06		49.09	49.20	0.11		0.25	4.75	3339.95	
RW-2	11/25/14	3389.06		49.00	49.16	0.16		0.25	4.75	3340.04	
RW-2	12/05/14	3389.06		49.06	49.25	0.19		0.25	4.75	3339.97	
RW-2	12/17/14	3389.06		49.11	49.29	0.18		0.25	4.75	3339.92	
RW-2	12/22/14	3389.06		49.08	49.27	0.19		NA	NA	3339.95	
RW-2	12/29/14	3389.06		49.04	49.30	0.26		0.50	4.50	3339.98	
RW-2	01/05/15	3389.06		48.37	48.38	0.01		NA	10.00	3340.69	
RW-2	01/07/15	3389.06		49.00	49.28	0.28		0.50	9.50	3340.02	
RW-2	01/14/15	3389.06		nd	49.32	nd		NA	NA	3339.74	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	01/21/15	3389.06		48.95	49.15	0.20		0.50	9.50	3340.08	
RW-2	01/28/15	3389.06		48.93	49.17	0.24		0.50	9.50	3340.09	
RW-2	02/06/15	3389.06		48.92	49.17	0.25		0.50	9.50	3340.10	
RW-2	02/10/15	3389.06		48.91	49.08	0.17		NA	NA	3340.12	
RW-2	02/17/15	3389.06		48.91	49.09	0.18		0.50	9.50	3340.12	
RW-2	02/24/15	3389.06		48.89	49.02	0.13		NA	NA	3340.15	
RW-2	03/05/15	3389.06		48.87	49.10	0.23		0.50	9.50	3340.16	
RW-2	03/11/15	3389.06		48.85	48.96	0.11		NA	NA	3340.19	
RW-2	03/17/15	3389.06		48.88	48.98	0.10		NA	NA	3340.17	
RW-2	03/23/15	3389.06		48.83	48.95	0.12		NA	NA	3340.21	
RW-2	03/31/15	3389.06		48.85	49.19	0.34		0.50	44.50	3340.16	SMALL AMOUNT OF DISSOLVE PHASE AFTER 45GAL
RW-2	04/07/15	3389.06		48.83	48.90	0.07		0.25	14.75	3340.22	
RW-2	04/15/15	3389.06		49.78	49.84	0.06		0.25	14.75	3339.27	
RW-2	04/21/15	3389.06		48.79	49.85	1.06		NA	NA	3340.11	
RW-2	04/29/15	3389.06		48.68	48.71	0.03		0.25	14.75	3340.38	
RW-2	05/06/15	3389.06		48.59	48.63	0.04		0.25	9.75	3340.46	
RW-2	05/27/15	3389.06		48.44	48.46	0.02		0.25	9.75	3340.62	
RW-2	06/04/15	3389.06		48.42	48.45	0.03		0.25	9.75	3340.64	
RW-2	06/09/15	3389.06		48.39	48.42	0.03		0.25	9.75	3340.67	
RW-2	06/13/15	3389.06	68.38	48.34	48.35	0.01		NA	NA	3340.72	Sampled
RW-2	07/01/15	3389.06	68.38	nd	48.33	nd		NA	NA	3340.73	
RW-2	07/08/15	3389.06	68.38	nd	48.32	nd		NA	NA	3340.74	
RW-2	07/28/15	3389.06	68.38	nd	ng	nd		NA	10.00	ng	interface malfunction
RW-2	08/05/15	3389.06	68.38	nd	48.31	nd		NA	NA	3340.75	
RW-2	08/12/15	3389.06	68.38	nd	48.35	nd		NA	NA	3340.71	
RW-2	08/20/15	3389.06	68.38	nd	48.45	nd		NA	10.00	3340.61	
RW-2	08/27/15	3389.06	68.38	nd	48.55	nd		NA	NA	3340.51	
RW-2	09/01/15	3389.06	68.38	nd	48.57	nd		NA	10.00	3340.49	
RW-2	09/10/15	3389.06	68.38	nd	48.65	nd		NA	NA	3340.41	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	09/16/15	3389.06	68.38	48.71	48.72	0.01		0.25	9.75	3340.35	
RW-2	09/28/15	3389.06	68.38	48.74	48.75	0.01		0.25	9.75	3340.32	
RW-2	10/07/15	3389.06	68.38	48.75	48.76	0.01		0.25	9.75	3340.31	
RW-2	10/13/15	3389.06	68.38	48.74	48.75	0.01		0.25	9.75	3340.32	
RW-2	10/20/15	3389.06	68.38	48.75	48.76	0.01		0.25	9.75	3340.31	
RW-2	10/28/15	3389.06	68.38	48.75	48.76	0.01		0.25	9.75	3340.31	
RW-2	11/03/15	3389.06	68.38	48.72	48.73	0.01		NA	NA	3340.34	
RW-2	11/12/15	3389.06	68.38	48.72	48.73	0.01		NA	NA	3340.34	
RW-2	11/15/15	3389.06	68.38	48.68	48.69	0.01		NA	NA	3340.38	
RW-2	11/17/15	3389.06	68.38	48.68	48.69	0.01		NA	10.00	3340.38	
RW-2	11/24/15	3389.06	68.38	48.64	48.65	0.01		NA	NA	3340.42	
RW-2	12/09/15	3389.06	68.38	48.54	48.55	0.01		NA	NA	3340.52	
RW-2	12/15/15	3389.06	68.38	48.52	48.53	0.01		NA	NA	3340.54	
RW-2	12/31/15	3389.06	68.38	48.45	48.46	0.01		NA	NA	3340.61	
RW-2	01/05/16	3389.06	68.38	48.37	48.38	0.01		NA	10.00	3340.69	
RW-2	01/19/16	3389.06	68.38	48.36	48.37	0.01		Sheen	10.00	3340.70	
RW-2	01/26/16	3389.06	68.38	nd	48.35	nd		NA	10.00	3340.71	
RW-2	02/02/16	3389.06	68.38	nd	48.30	nd		NA	10.00	3340.76	
RW-2	02/09/16	3389.06	68.38	nd	48.26	nd		Sheen	10.00	3340.80	
RW-2	02/17/16	3389.06	68.38	nd	48.20	nd		NA	10.00	3340.86	
RW-2	02/24/16	3389.06	68.38	48.27	48.28	0.01		0.25	9.75	3340.79	
RW-2	03/01/16	3389.06	68.38	nd	48.30	nd		NA	10.00	3340.76	
RW-2	03/08/16	3389.06	68.38	48.26	48.27	0.01		NA	NA	3340.80	
RW-2	03/15/16	3389.06	68.38	nd	48.32	nd		NA	10.00	3340.74	
RW-2	03/22/16	3389.06	68.38	nd	48.27	nd		NA	10.00	3340.79	
RW-2	03/29/16	3389.06	68.38	nd	48.30	nd		NA	10.00	3340.76	
RW-2	04/05/16	3389.06	68.38	nd	48.32	nd		NA	NA	3340.74	
RW-2	04/12/16	3389.06	68.38	nd	48.40	nd		NA	NA	3340.66	
RW-2	04/19/16	3389.06	68.38	nd	48.12	nd		NA	10.00	3340.94	

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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	04/27/16	3389.06	68.38	nd	48.00	nd		NA	NA	3341.06	
RW-2	05/05/16	3389.06	68.38	nd	48.14	nd		NA	NA	3340.92	
RW-2	05/12/16	3389.06	68.38	nd	48.17	nd		NA	NA	3340.89	
RW-2	05/20/16	3389.06	68.38	nd	48.05	nd		Sheen	35.00	3341.01	
RW-2	05/26/16	3389.06	68.38	nd	48.18	nd		NA	10.00	3340.88	
RW-2	06/02/16	3389.06	68.38	nd	48.25	nd		NA	10.00	3340.81	
RW-2	06/10/16	3389.06	68.38	nd	48.13	nd		NA	10.00	3340.93	
RW-2	06/23/16	3389.06	68.38	nd	48.09	nd		NA	10.00	3340.97	
RW-2	06/27/16	3389.06	68.38	nd	48.03	nd		NA	10.00	3341.03	
RW-2	07/06/16	3389.06	68.38	nd	48.03	nd		NA	NA	3341.03	
RW-2	07/15/16	3389.06	68.38	nd	47.97	nd		NA	NA	3341.09	
RW-2	07/27/16	3389.06	68.38	nd	47.97	nd		NA	10.00	3341.09	
RW-2	08/03/16	3389.06	68.38	sheen	48.07	sheen		NA	10.00	3340.99	
RW-2	08/12/16	3389.06	68.38	nd	48.02	nd		NA	10.00	3341.04	
RW-2	08/17/16	3389.06	68.38	47.98	48.02	0.04		0.25	9.75	3341.07	
RW-2	08/24/16	3389.06	68.38	48.15	48.50	0.35		0.25	9.75	3340.86	
RW-2	08/31/16	3389.06	68.38	48.13	48.15	0.02		NA	NA	3340.93	
RW-2	09/07/16	3389.06	68.38	48.15	48.16	0.01		0.25	9.75	3340.91	
RW-2	09/16/16	3389.06	68.38	48.20	48.21	0.01		Sheen	10.00	3340.86	dropped sock
RW-2	09/21/16	3389.06	68.38	sheen	48.15	sheen		NA	NA	3340.91	
RW-2	09/28/16	3389.06	68.38	sheen	48.08	sheen		Sheen	10.00	3340.98	
RW-2	10/12/16	3389.06	68.38	sheen	48.00	sheen		Sheen	10.00	3341.06	
RW-2	10/19/16	3389.06	68.38	sheen	47.95	sheen		NA	10.00	3341.11	
RW-2	10/25/16	3389.06	68.38	sheen	46.92	sheen		NA	10.00	3342.14	
RW-2	11/01/16	3389.06	68.38	sheen	47.92	sheen		NA	10.00	3341.14	
RW-2	11/09/16	3389.06	68.38	nd	47.86	nd		NA	10.00	3341.20	
RW-2	11/16/16	3389.06	68.38	sheen	47.85	sheen		NA	10.00	3341.21	
RW-2	11/22/16	3389.06	68.38	sheen	47.81	sheen		NA	10.00	3341.25	
RW-2	11/30/16	3389.06	68.38	sheen	47.84	sheen		NA	10.00	3341.22	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	12/06/16	3389.06	68.38	sheen	47.80	sheen		NA	10.00	3341.26	
RW-2	12/16/16	3389.06	68.38	sheen	47.72	sheen		NA	NA	3341.34	
RW-2	12/22/16	3389.06	68.38	sheen	47.75	sheen		NA	NA	3341.31	
RW-2	12/28/16	3389.06	68.38	nd	47.70	nd		NA	10.00	3341.36	
RW-2	01/05/17	3389.06	68.38	sheen	47.70	sheen		NA	10.00	3341.36	
RW-2	01/11/17	3389.06	68.38	sheen	47.69	sheen		NA	10.00	3341.37	
RW-2	01/18/17	3389.06	68.38	nd	47.66	nd		NA	10.00	3341.40	
RW-2	01/25/17	3389.06	68.38	sheen	47.66	sheen		NA	10.00	3341.40	
RW-2	02/01/17	3389.06	68.38	sheen	47.61	sheen		NA	10.00	3341.45	
RW-2	02/08/17	3389.06	68.38	sheen	47.60	sheen		NA	10.00	3341.46	
RW-2	02/15/17	3389.06	68.38	sheen	47.60	sheen		NA	10.00	3341.46	
RW-2	02/23/17	3389.06	68.38	nd	47.52	nd		NA	10.00	3341.54	
RW-2	03/08/17	3389.06	68.38	nd	47.55	nd		NA	10.00	3341.51	
RW-2	03/14/17	3389.06	68.38	nd	47.51	nd		NA	10.00	3341.55	
RW-2	03/21/17	3389.06	68.38	sheen	47.47	sheen		NA	10.00	3341.59	
RW-2	03/29/17	3389.06	68.38	sheen	47.48	sheen		NA	10.00	3341.58	
RW-2	04/05/17	3389.06	68.38	nd	47.99	nd		NA	10.00	3341.07	
RW-2	04/12/17	3389.06	68.38	nd	47.50	nd		NA	10.00	3341.56	
RW-2	04/19/17	3389.06	68.38	sheen	47.40	sheen		NA	10.00	3341.66	
RW-2	04/26/17	3389.06	68.38	nd	47.45	nd		NA	10.00	3341.61	
RW-2	05/03/17	3389.06	68.38	sheen	47.37	sheen		NA	10.00	3341.69	
RW-2	05/16/17	3389.06	68.38	nd	47.32	nd		NA	NA	3341.74	Sampled
RW-2	05/25/17	3389.06	68.38	nd	47.40	nd		NA	10.00	3341.66	
RW-2	06/01/17	3389.06	68.38	nd	47.36	nd		NA	10.00	3341.70	
RW-2	06/05/17	3389.06	68.38	nd	47.24	nd		NA	10.00	3341.82	
RW-2	06/13/17	3389.06	68.38	nd	47.23	nd		NA	10.00	3341.83	
RW-2	06/21/17	3389.06	68.38	sheen	48.25	sheen		NA	10.00	3340.81	
RW-2	06/28/17	3389.06	68.38	sheen	47.21	sheen		NA	10.00	3341.85	
RW-2	07/12/17	3389.06	68.38	sheen	47.20	sheen		NA	10.00	3341.86	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	07/18/17	3389.06	68.38	sheen	47.22	sheen		NA	10.00	3341.84	
RW-2	07/26/17	3389.06	68.38	sheen	47.06	sheen		Sheen	10.00	3342.00	
RW-2	08/02/17	3389.06	68.38	sheen	47.09	sheen		NA	10.00	3341.97	
RW-2	08/09/17	3389.06	68.38	sheen	47.06	sheen		NA	10.00	3342.00	
RW-2	08/16/17	3389.06	68.38	sheen	47.09	sheen		NA	10.00	3341.97	
RW-2	08/23/17	3389.06	68.38	sheen	47.08	sheen		NA	10.00	3341.98	
RW-2	08/30/17	3389.06	68.38	sheen	47.05	sheen		NA	10.00	3342.01	
RW-2	09/07/17	3389.06	68.38	sheen	47.08	sheen		Sheen	10.00	3341.98	
RW-2	09/13/17	3389.06	68.38	sheen	47.00	sheen		NA	NA	3342.06	
RW-2	09/26/17	3389.06	68.38	sheen	46.98	sheen		NA	10.00	3342.08	
RW-2	10/04/17	3389.06	68.38	nd	46.99	nd		NA	NA	3342.07	
RW-2	10/12/17	3389.06	68.38	nd	47.02	nd		NA	NA	3342.04	
RW-2	10/18/17	3389.06	68.38	nd	47.06	nd		NA	NA	3342.00	
RW-2	10/26/17	3389.06	68.38	nd	47.10	nd		NA	NA	3341.96	
RW-2	11/01/17	3389.06	68.38	sheen	47.15	sheen		NA	NA	3341.91	
RW-2	11/09/17	3389.06	68.38	sheen	47.12	sheen		NA	NA	3341.94	
RW-2	11/15/17	3389.06	68.38	sheen	46.88	sheen		NA	10.00	3342.18	
RW-2	11/29/17	3389.06	68.38	sheen	46.92	sheen		NA	NA	3342.14	
RW-2	12/06/17	3389.06	68.38	sheen	46.85	sheen		NA	NA	3342.21	
RW-2	12/13/17	3389.06	68.38	sheen	46.78	sheen		NA	10.00	3342.28	
RW-2	01/04/18	3389.06	68.38	sheen	46.77	sheen		NA	10.00	3342.29	
RW-2	01/10/18	3389.06	68.38	sheen	46.69	sheen		NA	NA	3342.37	
RW-2	01/17/18	3389.06	68.38	sheen	46.67	sheen		NA	NA	3342.39	
RW-2	01/26/18	3389.06	68.38	sheen	46.64	sheen		NA	NA	3342.42	
RW-2	02/01/18	3389.06	68.38	nd	47.01	nd		NA	NA	3342.05	
RW-2	02/08/18	3389.06	68.38	nd	46.87	nd		NA	10.00	3342.19	
RW-2	02/14/18	3389.06	68.38	nd	46.61	nd		NA	NA	3342.45	
RW-2	02/21/18	3389.06	68.38	nd	46.64	nd		NA	10.00	3342.42	
RW-2	02/28/18	3389.06	68.38	nd	46.55	nd		NA	NA	3342.51	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	03/08/18	3389.06	68.40	nd	46.65	nd		NA	NA	3342.41	Sampled
RW-2	03/15/18	3389.06	68.40	nd	46.63	nd		NA	10.00	3342.43	
RW-2	03/22/18	3389.06	68.40	nd	46.68	nd		NA	10.00	3342.38	
RW-2	03/28/18	3389.06	68.40	nd	46.61	nd		NA	10.00	3342.45	
RW-2	04/03/18	3389.06	68.40	nd	46.61	nd		NA	10.00	3342.45	
RW-2	04/10/18	3389.06	68.40	sheen	46.65	sheen		Sheen	10.00	3342.41	
RW-2	04/19/18	3389.06	68.40	sheen	46.70	sheen		Sheen	10.00	3342.36	
RW-2	04/25/18	3389.06	68.40	sheen	46.72	sheen		NA	10.00	3342.34	
RW-2	05/02/18	3389.06	68.40	sheen	46.55	sheen		NA	10.00	3342.51	
RW-2	05/10/18	3389.06	68.40	nd	46.55	nd		NA	10.00	3342.51	
RW-2	05/15/18	3389.06	68.40	nd	46.56	nd		NA	NA	3342.50	
RW-2	05/23/18	3389.06	68.40	nd	46.50	nd		NA	NA	3342.56	
RW-2	06/07/18	3389.06	68.40	sheen	46.58	sheen		NA	NA	3342.48	Sampled
RW-2	06/13/18	3389.06	68.40	sheen	46.61	sheen		NA	10.00	3342.45	
RW-2	06/20/18	3389.06	68.40	nd	46.66	nd		NA	10.00	3342.40	
RW-2	06/28/18	3389.06	68.40	nd	46.59	nd		NA	10.00	3342.47	
RW-2	07/05/18	3389.06	68.40	nd	46.65	nd		NA	10.00	3342.41	
RW-2	07/12/18	3389.06	68.40	nd	46.68	nd		NA	NA	3342.38	
RW-2	07/20/18	3389.06	68.40	nd	46.65	nd		NA	20.00	3342.41	
RW-2	07/26/18	3389.06	68.40	nd	46.70	nd		NA	20.00	3342.36	
RW-2	08/01/18	3389.06	68.40	nd	46.62	nd		NA	10.00	3342.44	
RW-2	08/08/18	3389.06	68.40	nd	46.60	nd		NA	10.00	3342.46	
RW-2	08/14/18	3389.06	68.40	nd	46.75	nd		NA	NA	3342.31	
RW-2	08/21/18	3389.06	68.40	nd	46.57	nd		NA	NA	3342.49	
RW-2	08/30/18	3389.06	68.40	nd	46.59	nd		NA	NA	3342.47	Sampled
RW-2	09/12/18	3389.06	68.40	sheen	46.86	sheen		NA	10.00	3342.20	
RW-2	09/18/18	3389.06	68.40	nd	46.81	nd		NA	10.00	3342.25	
RW-2	09/26/18	3389.06	68.40	nd	46.75	nd		NA	10.00	3342.31	
RW-2	10/04/18	3389.06	68.40	nd	46.81	nd		NA	10.00	3342.25	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	10/11/18	3389.06	68.40	nd	46.85	nd		NA	NA	3342.21	
RW-2	10/17/18	3389.06	68.40	sheen	46.59	sheen		NA	20.00	3342.47	
RW-2	10/24/18	3389.06	68.40	nd	46.78	nd		NA	20.00	3342.28	
RW-2	11/01/18	3389.06	68.40	nd	46.82	nd		NA	20.00	3342.24	
RW-2	11/07/18	3389.06	68.40	nd	46.85	nd		NA	20.00	3342.21	
RW-2	11/13/18	3389.06	68.40	sheen	46.89	sheen		NA	20.00	3342.17	
RW-2	11/21/18	3389.06	68.40	sheen	46.77	sheen		NA	20.00	3342.29	
RW-2	11/29/18	3389.06	68.40	sheen	46.68	sheen		NA	20.00	3342.38	
RW-2	12/07/18	3389.06	68.40	nd	46.72	nd		NA	20.00	3342.34	
RW-2	12/13/18	3389.06	68.40	nd	46.70	nd		NA	10.00	3342.36	
RW-2	12/19/18	3389.06	68.40	sheen	46.72	sheen		NA	10.00	3342.34	
RW-2	01/09/19	3389.06	68.40	sheen	46.77	sheen		NA	10.00	3342.29	
RW-2	01/30/19	3389.06	68.40	sheen	46.69	sheen		NA	10.00	3342.37	
RW-2	02/06/19	3389.06	68.40	sheen	46.70	sheen		NA	10.00	3342.36	
RW-2	02/14/19	3389.06	68.40	46.50	46.51	0.01		NA	10.00	3342.56	
RW-2	02/28/19	3389.06	68.40	sheen	46.60	sheen		NA	10.00	3342.46	
RW-2	03/06/19	3389.06	68.40	sheen	46.74	sheen		NA	10.00	3342.32	
RW-2	04/25/19	3389.06	68.40	sheen	46.41	sheen		NA	10.00	3342.65	
RW-2	05/01/19	3389.06	68.40	sheen	46.30	sheen		NA	10.00	3342.76	
RW-2	05/10/19	3389.06	68.40	sheen	46.38	sheen		NA	10.00	3342.68	
RW-2	05/17/19	3389.06	68.40	sheen	46.33	sheen		NA	10.00	3342.73	
RW-2	05/24/19	3389.06	68.40	sheen	46.43	sheen		NA	10.00	3342.63	
RW-2	06/05/19	3389.06	68.40	nd	46.44	nd		NA	10.00	3342.62	
RW-2	06/14/19	3389.06	68.40	nd	46.30	nd		NA	10.00	3342.76	
RW-2	06/20/19	3389.06	68.40	sheen	46.48	sheen		NA	10.00	3342.58	
RW-2	06/26/19	3389.06	68.40	nd	46.35	nd		NA	10.00	3342.71	
RW-2	07/03/19	3389.06	68.40	nd	46.31	nd		NA	10.00	3342.75	
RW-2	07/11/19	3389.06	68.40	nd	46.34	nd		NA	10.00	3342.72	
RW-2	07/26/19	3389.06	68.40	sheen	46.30	sheen		NA	10.00	3342.76	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	08/10/19	3389.06	68.40	sheen	46.31	sheen		Sheen	10.00	3342.75	
RW-2	08/15/19	3389.06	68.40	nd	46.32	nd		NA	10.00	3342.74	
RW-2	08/27/19	3389.06	68.40	sheen	46.31	sheen		NA	10.00	3342.75	
RW-2	09/13/19	3389.06	68.40	nd	46.30	nd		NA	NA	3342.76	
RW-2	09/20/19	3389.06	68.40	nd	46.43	nd		NA	NA	3342.63	
RW-2	10/19/19	3389.06	68.40	nd	46.22	nd		NA	10.00	3342.84	
RW-2	10/17/19	3389.06	68.40	nd	46.21	nd		NA	NA	3342.85	
RW-2	11/01/19	3389.06	68.40	nd	46.21	nd		NA	NA	3342.85	
RW-2	11/08/19	3389.06	68.40	nd	46.20	nd		NA	NA	3342.86	
RW-2	11/15/19	3389.06	68.40	nd	46.20	nd		NA	NA	3342.86	
RW-2	11/19/19	3389.06	68.40	sheen	46.18	sheen		NA	NA	3342.88	
RW-2	11/26/19	3389.06	68.40	nd	46.13	nd		NA	NA	3342.93	
RW-2	12/03/19	3389.06	68.40	nd	46.15	nd		NA	NA	3342.91	
RW-2	12/13/19	3389.06	68.40	nd	46.13	nd		NA	NA	3342.93	
RW-2	12/20/19	3389.06	68.40	sheen	46.16	sheen		NA	NA	3342.90	
RW-2	12/27/19	3389.06	68.40	sheen	46.13	sheen		NA	NA	3342.93	

NA: Not Applicable

NG: Not Gauged

^a Possible error in field data entry

TABLE 3
2018 GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
DS Hugh Site
SRS #2000-10807
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-1	02/14/19	NS	NS	NS	NS	NS
MW-1	05/10/19	L1098634-01	0.0372	0.00413	0.0597	0.107
MW-1	08/28/19	L1134078-01	0.0106	<0.001	0.0139	0.0706
MW-1	11/20/19	L1163668-01	0.0171	0.00104	0.0295	0.0898
MW-2	02/14/19	L1071077-01	<0.001	<0.001	<0.001	<0.003
MW-2	05/10/19	L1098634-02	<0.001	<0.001	<0.001	<0.003
MW-2	08/28/19	L1134078-02	<0.001	<0.001	<0.001	<0.003
MW-2	11/20/19	L1163668-02	<0.001	<0.001	<0.001	<0.003
MW-3	02/14/19	L1071077-02	<0.001	<0.001	<0.001	<0.003
MW-3	05/10/19	L1098634-03	<0.001	0.00303	<0.001	<0.003
MW-3	08/28/19	L1134078-03	<0.001	<0.001	<0.001	<0.003
MW-3	11/20/19	L1163668-03	<0.001	<0.001	<0.001	<0.003
MW-4	02/14/19	L1071077-03	<0.001	<0.001	<0.001	<0.003
MW-4	05/10/19	L1098634-04	<0.001	<0.001	<0.001	<0.003
MW-4	08/28/19	L1134078-04	0.0139	<0.001	<0.001	<0.003
MW-4	11/20/19	L1163668-04	0.00958	<0.001	<0.001	<0.003
MW-5	02/14/19	L1071077-04	<0.001	<0.001	<0.001	<0.003
MW-5	05/10/19	L1098634-05	<0.001	<0.001	<0.001	<0.003
MW-5	08/28/19	L1134078-05	<0.001	<0.001	<0.001	<0.003
MW-5	11/20/19	L1163668-05	<0.001	<0.001	<0.001	<0.003
MW-6	02/14/19	L1071077-05	<0.001	<0.001	<0.001	<0.003
MW-6	05/10/19	L1098634-06	<0.001	0.00425	<0.001	<0.003
MW-6	08/28/19	L1134078-06	<0.001	<0.001	<0.001	<0.003
MW-6	11/20/19	L1163668-06	<0.001	<0.001	<0.001	<0.003
MW-7	02/14/19	L1071077-06	<0.001	<0.001	<0.001	<0.003
MW-7	05/10/19	L1098634-07	<0.001	0.00389	<0.001	<0.003
MW-7	08/28/19	L1134078-07	<0.001	<0.001	<0.001	<0.003
MW-7	11/20/19	L1163668-07	<0.001	<0.001	<0.001	<0.003
RW-1	02/14/19	L1071077-07	0.0728	0.00138	0.0287	0.0317
RW-1	05/10/19	L1098634-08	0.0354	0.00172	0.0200	0.0259
RW-1	08/28/19	L1134078-08	0.0734	<0.001	0.0249	0.0451
RW-1	11/20/19	L1163668-08	0.00465	<0.001	0.00205	<0.003

TABLE 3
 2018 GROUNDWATER ANALYTICAL RESULTS
 Plains Marketing, L.P.
 DS Hugh Site
 SRS #2000-10807
 Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
RW-2	02/14/19	NS	NS	NS	NS	NS
RW-2	05/10/19	L1098634-09	0.00364	0.00165	0.00444	0.00942
RW-2	08/28/19	L1134078-09	0.00316	<0.001	<0.001	0.0666
RW-2	11/20/19	L1163668-09	0.00205	<0.001	<0.001	0.00602

NMOCD: New Mexico Oil Conservation District

Exceedences of NMOCD Remediation Criteria are shown in **bold**

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-1	12/21/05	NS	NS	NS	NS	NS
MW-1	03/28/06	NS	NS	NS	NS	NS
MW-1	06/15/06	NS	NS	NS	NS	NS
MW-1	09/12/06	NS	NS	NS	NS	NS
MW-1	03/01/07	NS	NS	NS	NS	NS
MW-1	05/22/08	T22302-1	0.512	0.439	0.141	0.323
MW-1	05/19/09	9052214	0.0105	0.0143	0.0061	0.0178
MW-1	05/12/10	1005476-01	0.45	0.68	0.30	0.84
MW-1	05/31/11	1106003-01	0.40	0.36	0.30	0.74
MW-1	08/29/11	NS	NS	NS	NS	NS
MW-1	11/28/11	NS	NS	NS	NS	NS
MW-1	02/22/12	NS	NS	NS	NS	NS
MW-1	05/22/12	12051129-01	0.55	1.5	0.6	1.5
MW-1	09/11/12	NS	NS	NS	NS	NS
MW-1	11/26/12	NS	NS	NS	NS	NS
MW-1	02/27/13	NS	NS	NS	NS	NS
MW-1	06/10/13	L641101-01	0.028	0.10	0.066	0.16
MW-1	09/11/13	NS	NS	NS	NS	NS
MW-1	12/11/13	NS	NS	NS	NS	NS
MW-1	03/05/14	NS	NS	NS	NS	NS
MW-1	06/06/14	L703440-01	0.036	0.19	0.15	0.36
MW-1	06/18/15	L772291-01	0.0039	0.0031	0.018	0.059
MW-1	05/20/16	L837134-01	<0.0001	<0.005	<0.001	<0.003
MW-1	05/16/17	L910269-01	0.0254	0.0111	0.0789	0.155
MW-1	03/08/18	L976570-01	0.0115	0.00443	0.027	0.0556
MW-1	06/06/18	L1000531-01	0.0414	0.0128	0.0861	0.177
MW-1	09/12/18	L1025965-01	0.0288	0.00444	0.0696	0.158
MW-1	11/30/18	NS	NS	NS	NS	NS
MW-1	02/14/19	NS	NS	NS	NS	NS
MW-1	05/10/19	L1098634-01	0.0372	0.00413	0.0597	0.107

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-1	08/28/19	L1134078-01	0.0106	<0.001	0.0139	0.0706
MW-1	11/20/19	L1163668-01	0.0171	0.00104	0.0295	0.0898
MW-2	12/21/05	T12186-1	<0.002	<0.002	<0.002	<0.006
MW-2	03/28/06	T13038-1	<0.00038	<0.00036	<0.00035	<0.00072
MW-2	06/15/06	T13864-1	<0.00038	<0.00036	<0.00035	<0.00072
MW-2	09/12/06	T14673-1	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	12/06/06	T15625-1	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	03/01/07	T16518-1	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	06/01/07	T17666-1	<0.00021	<0.00023	<0.00035	<0.00055
MW-2	09/07/07	T18804-1	<0.00021	<0.00023	<0.00035	<0.00055
MW-2	11/13/07	T19746-1	<0.0005	<0.0005	<0.0005	<0.001
MW-2	02/27/08	T21042-1	0.00077 J	<0.00023	0.00085 J	0.00068 J
MW-2	05/22/08	T22302-2	0.00029 J	<0.00023	<0.00035	<0.0055
MW-2	08/20/08	T23537-1	<0.0005	<0.0005	<0.0005	<0.001
MW-2	11/19/08	180051	0.00230	<0.00100	0.00180	0.00130
MW-2	02/17/09	187738	<0.001	<0.001	<0.001	<0.001
MW-2	05/19/09	9052214	<0.000133	<0.000281	<0.000535	<0.000960
MW-2	08/26/09	208335	<0.000133	<0.000281	<0.000535	<0.000960
MW-2	11/17/09	215429	<0.000160	<0.000332	<0.000230	<0.000143
MW-2	02/09/10	222048	<0.000208	<0.000208	<0.000303	<0.000326
MW-2	05/12/10	1005476-02	0.00077 J	<0.00020	0.00039 J	<0.00070
MW-2	08/26/10	1008908-01	<0.00020	<0.00020	<0.00020	<0.00070
MW-2	11/18/10	1011751-01	<0.00020	<0.00020	<0.00020	<0.00070
MW-2	02/24/11	1102759-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	05/31/11	1106003-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	08/29/11	1108973-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	11/28/11	1111900-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	02/22/12	1202868-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	05/22/12	12051129-02	<0.0010	<0.0010	<0.0010	<0.0030

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-2	09/11/12	1209470-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	11/26/12	1211905-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	02/27/13	L622427-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/10/13	L641101-02	<0.001	<0.005	<0.001	<0.003
MW-2	09/11/13	L657122-01	<0.001	<0.005	<0.001	<0.003
MW-2	12/11/13	L673997-01	<0.001	<0.005	<0.001	<0.003
MW-2	03/05/14	L686932-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/06/14	L703440-02	<0.001	<0.005	<0.001	<0.003
MW-2	09/18/14	L722808-01	<0.001	<0.005	<0.001	<0.003
MW-2	11/12/14	L733859-01	<0.001	<0.005	<0.001	<0.003
MW-2	02/24/15	L750324-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/18/15	L772291-02	<0.001	<0.005	<0.001	<0.003
MW-2	08/22/15	L785989-01	<0.001	<0.005	<0.001	<0.003
MW-2	11/19/15	L802533-01	<0.001	<0.005	<0.001	<0.003
MW-2	03/08/16	L822604-01	<0.001	<0.005	<0.001	<0.003
MW-2	05/20/16	L837134-02	<0.001	<0.005	<0.001	<0.003
MW-2	09/21/16	L861614-01	<0.001	<0.005	<0.001	<0.003
MW-2	12/16/16	L879658-01	<0.001	<0.005	<0.001	<0.003
MW-2	03/02/17	L893619-01	<0.001	<0.001	<0.001	<0.003
MW-2	05/16/17	L910269-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/13/17	L936705-01	<0.001	<0.001	<0.001	<0.003
MW-2	11/29/17	L954388-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/08/18	L976570-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/07/18	L1000531-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/12/18	L1025965-02	<0.001	<0.001	<0.001	<0.003
MW-2	11/30/18	L1050022-01	<0.001	<0.001	<0.001	<0.003
MW-2	02/14/19	L1071077-01	<0.001	<0.001	<0.001	<0.003
MW-2	05/10/19	L1098634-02	<0.001	<0.001	<0.001	<0.003
MW-2	08/28/19	L1134078-02	<0.001	<0.001	<0.001	<0.003
MW-2	11/20/19	L1163668-02	<0.001	<0.001	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOC Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-3	12/21/05	T12186-2	<0.002	<0.002	<0.002	<0.006
MW-3	03/28/06	T13038-2	<0.00038	<0.00036	<0.00035	<0.00072
MW-3	06/15/06	T13864-2	<0.00038	<0.00036	<0.00035	<0.00072
MW-3	09/12/06	T14673-2	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	12/06/06	T15625-2	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	03/01/07	T16518-2	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	06/01/07	T17666-2	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	09/07/07	T18804-2	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	11/13/07	T19746-2	<0.0005	<0.0005	<0.0005	<0.001
MW-3	02/27/08	T21042-2	0.00021 J	<0.00023	<0.00035	<0.00055
MW-3	05/22/08	T22302-3	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	08/20/08	T23537-2	<0.0005	<0.0005	<0.0005	<0.001
MW-3	11/19/08	180052	<0.00100	<0.00100	<0.00100	<0.00100
MW-3	02/17/09	187739	<0.001	<0.001	<0.001	<0.001
MW-3	05/19/09	9052214	<0.000149	<0.000188	<0.000178	<0.000163
MW-3	08/26/09	208336	<0.000133	<0.000281	<0.000535	<0.000960
MW-3	11/17/09	215430	<0.000160	<0.000332	<0.000230	<0.000143
MW-3	02/09/10	222049	<0.000208	<0.000208	<0.000303	<0.000326
MW-3	05/12/10	1005476-03	0.0012	<0.00020	0.00049 J	0.00088 J
MW-3	08/26/10	1008908-02	<0.00020	<0.00020	<0.00020	<0.00070
MW-3	11/18/10	1011751-02	<0.00020	<0.00020	<0.00020	<0.00070
MW-3	02/24/11	1102759-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	05/31/11	1106003-03	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	08/29/11	1108973-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	11/28/11	1111900-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	02/22/12	1202868-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	05/23/12	12051129-03	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	09/11/12	1209470-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	11/26/12	1211905-02	<0.0010	<0.0010	<0.0010	<0.0030

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-3	02/27/13	L622427-02	<0.001	<0.005	<0.001	<0.003
MW-3	06/10/13	L641101-03	<0.001	<0.005	<0.001	<0.003
MW-3	09/11/13	L657122-02	<0.001	<0.005	<0.001	<0.003
MW-3	12/11/13	L673997-02	<0.001	<0.005	<0.001	<0.003
MW-3	03/05/14	L686932-02	<0.001	<0.005	<0.001	<0.003
MW-3	06/06/14	L703440-03	<0.001	<0.005	<0.001	<0.003
MW-3	09/18/14	L722808-02	<0.001	<0.005	<0.001	<0.003
MW-3	11/12/14	L733859-02	<0.001	<0.005	<0.001	<0.003
MW-3	02/24/15	L750324-02	<0.001	<0.005	<0.001	<0.003
MW-3	06/18/15	L772203-03	<0.001	<0.005	<0.001	<0.003
MW-3	08/22/15	L785989-02	<0.001	<0.005	<0.001	<0.003
MW-3	11/19/15	L802533-02	<0.001	<0.005	<0.001	<0.003
MW-3	03/08/16	L822604-02	<0.001	<0.005	<0.001	<0.003
MW-3	05/20/16	L837134-03	<0.001	<0.005	<0.001	<0.003
MW-3	09/21/16	L861614-02	<0.001	<0.005	<0.001	<0.003
MW-3	12/16/16	L879658-02	<0.001	<0.005	<0.001	<0.003
MW-3	03/02/17	L893619-02	<0.001	<0.001	<0.001	<0.003
MW-3	05/16/17	L910269-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/13/17	L936705-02	<0.001	<0.001	<0.001	<0.003
MW-3	11/29/17	L954388-02	<0.001	<0.001	<0.001	<0.003
MW-3	03/08/18	L976570-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/06/18	L1000531-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/12/18	L1025965-03	<0.001	<0.001	<0.001	<0.003
MW-3	11/30/18	L1050022-02	<0.001	<0.001	<0.001	<0.003
MW-3	02/14/19	L1071077-02	<0.001	<0.001	<0.001	<0.003
MW-3	05/10/19	L1098634-03	<0.001	0.00303	<0.001	<0.003
MW-3	08/28/19	L1134078-03	<0.001	<0.001	<0.001	<0.003
MW-3	11/20/19	L1163668-03	<0.001	<0.001	<0.001	<0.003
MW-4	03/28/06	T13038-3	0.2 ^a	0.0535	0.0384	0.115

TABLE 4
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RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-4	06/15/06	T13864-3	0.41 ^a	0.0926	0.144 ^a	0.403 ^a
MW-4	09/12/06	T14673-3	0.617 ^a	0.025	0.232 ^a	0.208
MW-4	12/06/06	T15625-3	1.25 ^a	0.196	0.581 ^a	0.818
MW-4	03/01/07	T16518-3	1.06	0.186	0.294	0.195
MW-4	06/01/07	T17666-3	1.25	0.0195 J	0.349	0.192
MW-4	09/07/07	T18804-3	1.51	0.0554	0.317	0.295
MW-4	11/13/07	T19746-3	1.38 ^a	0.0251	0.256	0.22
MW-4	02/27/08	T21042-3	1.77	0.0882	0.532	0.792
MW-4	05/22/08	T22302-4	1.09	0.0215	0.291	0.254
MW-4	08/20/08	T23537-3	0.662 ^a	0.0161	0.207 ^a	0.249
MW-4	11/19/08	180053	0.567	0.0398	0.205	0.326
MW-4	02/17/09	187740	0.654	0.0451	0.196	0.507
MW-4	05/19/09	9052214	0.338	0.0259	0.174	0.319
MW-4	08/26/09	208337	0.301	0.0405	0.180	0.407
MW-4	11/17/09	215431	0.112	0.0350	0.115	0.246
MW-4	02/09/10	222050	0.16	0.0663	0.159	0.398
MW-4	05/12/10	1005476-04	0.11	0.0450	0.14	0.4
MW-4	08/26/10	1008908-03	0.038	0.0340	0.094	0.26
MW-4	11/18/10	1011751-03	0.014	0.0023	0.12	0.26
MW-4	02/24/11	1102759-03	0.020	0.030	0.096	0.26
MW-4	05/31/11	1106003-04	0.024	0.022	0.079	0.28
MW-4	08/29/11	1108973-03	0.014	0.0035 P	0.11	0.28
MW-4	11/28/11	1111900-03	0.0091	<0.0010	0.10	0.18
MW-4	02/12/12	1202868-03	0.011	<0.0010	0.11	0.21
MW-4	05/23/12	12051129-03	0.011	0.001	0.15	0.38
MW-4	09/11/12	1209470-03	0.0075	<0.0010	0.14	0.23
MW-4	11/26/12	1211905-03	0.004	<0.0010	0.11	0.15
MW-4	02/27/13	L622427-03	0.0012	<0.005	0.052	0.069
MW-4	06/10/13	L641101-04	0.00042 J	<0.005	0.0052	0.0064
MW-4	09/11/13	L657122-03	0.00075 J	<0.005	0.021	0.026

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HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-4	12/11/13	L673997-03	<0.001	<0.005	0.0079	0.0052
MW-4	03/05/14	L686932-03	0.00051 J	<0.005	0.047	0.014
MW-4	06/06/14	L703440-04	<0.001	<0.005	<0.001	<0.003
MW-4	09/18/14	L722808-03	<0.001	<0.005	<0.001	<0.003
MW-4	11/12/14	L733859-03	<0.001	<0.005	<0.001	<0.003
MW-4	02/24/15	L750324-03	<0.001	<0.005	0.0026	0.0016 J
MW-4	06/18/15	L772291-04	<0.001	<0.005	0.0028	0.0019 J
MW-4	08/22/15	L785989-03	0.000581 J	<0.005	0.00459	0.00457
MW-4	11/19/15	L802533-03	<0.001	<0.005	0.000586 J	0.00116 J
MW-4	03/08/16	L822604-03	<0.001	<0.005	0.0054 J	0.00295 J
MW-4	05/20/16	L837134-04	<0.001	<0.005	0.00246	<0.003
MW-4	09/21/16	L861614-03	<0.001	<0.005	0.00391	0.00148 J
MW-4	12/16/16	L879658-03	<0.001	<0.005	0.000835 J	<0.003
MW-4	03/02/17	L893619-03	<0.001	<0.001	<0.001	<0.003
MW-4	05/16/17	L910269-04	<0.001	<0.001	0.00447	<0.003
MW-4	09/13/17	L936705-03	<0.001	<0.001	0.00113	<0.003
MW-4	11/29/17	L954388-03	0.00129	<0.001	<0.001	<0.003
MW-4	03/08/18	L976570-04	0.0015	<0.001	<0.001	<0.003
MW-4	06/07/18	L1000531-04	0.0106	<0.001	<0.001	<0.003
MW-4	09/12/18	L1025965-04	<0.001	<0.001	<0.001	<0.003
MW-4	11/30/18	L1050022-03	0.0148	<0.001	<0.001	<0.003
MW-4	02/14/19	L1071077-03	<0.001	<0.001	<0.001	<0.003
MW-4	05/10/19	L1098634-04	<0.001	<0.001	<0.001	<0.003
MW-4	08/28/19	L1134078-04	0.0139	<0.001	<0.001	<0.003
MW-4	11/20/19	L1163668-04	0.00958	<0.001	<0.001	<0.003
MW-5	03/28/06	T13038-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	06/15/06	T13864-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	09/12/06	T14673-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	12/06/06	T15625-4	<0.00035	<0.00020	<0.00033	<0.00036

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-5	03/01/07	T16518-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	06/01/07	T17666-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	09/07/07	T18804-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	11/13/07	T19746-4	<0.0005	<0.0005	<0.0005	<0.001
MW-5	02/27/08	T21042-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	05/22/08	T22302-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	08/20/08	T23537-4	<0.0005	<0.0005	<0.0005	<0.001
MW-5	11/19/08	180054	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	02/17/09	187741	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	05/19/09	9052214	<0.000149	<0.000188	<0.000178	<0.000163
MW-5	08/26/09	208338	<0.000133	<0.000281	<0.000535	<0.000960
MW-5	11/17/09	215432	<0.000133	<0.000281	<0.000535	<0.000960
MW-5	02/09/10	222051	<0.000208	<0.000208	<0.000303	<0.000326
MW-5	05/12/10	1005476-05	0.00058 J	<0.00020	0.00042 J	0.001 J
MW-5	08/26/10	1008908-04	<0.00020	<0.00020	<0.00020	<0.00070
MW-5	11/18/10	1011751-04	<0.00020	<0.00020	<0.00020	<0.00070
MW-5	02/24/11	1102759-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	05/31/11	1106003-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	08/29/11	1108973-04	<0.0010	<0.0010	<0.0010	<0.0030 P
MW-5	11/28/11	1111900-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	02/22/12	1202868-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	05/23/12	12051129-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	09/11/12	1209470-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	11/26/12	1211905-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	02/27/13	L622427-04	<0.001	<0.005	0.0006	<0.003
MW-5	06/10/13	L641101-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/11/13	L657122-04	<0.001	<0.005	<0.001	<0.003
MW-5	12/11/13	L673997-04	<0.001	<0.005	<0.001	<0.003
MW-5	03/05/14	L686932-04	<0.001	<0.005	<0.001	<0.003
MW-5	06/06/14	L703440-05	<0.001	<0.005	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-5	09/18/14	L722808-04	<0.001	<0.005	<0.001	<0.003
MW-5	11/12/14	L733859-04	<0.001	<0.005	<0.001	<0.003
MW-5	02/24/15	L750324-04	<0.001	<0.005	<0.001	<0.003
MW-5	06/18/15	L772291-05	<0.001	<0.005	<0.001	<0.003
MW-5	08/22/15	L785989-04	<0.001	<0.005	<0.001	<0.003
MW-5	11/19/15	L802533-04	<0.001	<0.005	<0.001	<0.003
MW-5	03/08/16	L822604-04	<0.001	<0.005	<0.001	<0.003
MW-5	05/20/16	L837134-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/21/16	L861614-04	<0.001	<0.005	<0.001	<0.003
MW-5	12/16/16	L879658-04	<0.001	<0.005	<0.001	<0.003
MW-5	03/02/17	L893619-04	<0.001	<0.001	<0.001	<0.003
MW-5	05/16/17	L910269-06	<0.001	<0.001	<0.001	<0.003
MW-5	09/13/17	L936705-05	<0.001	<0.001	<0.001	<0.003
MW-5	11/29/17	L954388-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/08/18	L976570-05	<0.001	0.001	<0.001	<0.003
MW-5	06/07/18	L1000531-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/12/18	L1025965-05	<0.001	<0.001	<0.001	<0.003
MW-5	11/30/18	L1050022-04	<0.001	<0.001	0.00349	<0.003
MW-5	02/14/19	L1071077-04	<0.001	<0.001	<0.001	<0.003
MW-5	05/10/19	L1098634-05	<0.001	<0.001	<0.001	<0.003
MW-5	08/28/19	L1134078-05	<0.001	<0.001	<0.001	<0.003
MW-5	11/20/19	L1163668-05	<0.001	<0.001	<0.001	<0.003
MW-6	06/15/06	T13864-5	<0.00038	<0.00036	<0.00035	<0.00072
MW-6	09/12/06	T14673-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	12/06/06	T15625-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	03/01/07	T16518-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	06/01/07	T17666-5	<0.00021	<0.00023	<0.00035	0.0014 J
MW-6	09/07/07	T18804-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	11/13/07	T19746-5	<0.0005	<0.0005	<0.0005	<0.001

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-6	02/27/08	T21042-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	05/22/08	T22302-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	08/20/08	T23537-5	0.0065	<0.0005	0.0037	<0.001
MW-6	11/19/08	180055	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	02/17/09	187742	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	05/19/09	9052214	<0.000149	<0.000188	<0.000178	<0.000163
MW-6	08/26/09	208339	<0.000133	<0.000281	<0.000535	<0.000960
MW-6	11/17/09	215433	<0.000133	<0.000281	<0.000535	<0.000960
MW-6	02/09/10	222052	<0.000208	<0.000208	0.0006 J	0.0007 J
MW-6	05/12/10	1005476-06	<0.00020	<0.00020	<0.00020	<0.00070
MW-6	08/26/10	1008908-05	<0.00020	<0.00020	<0.00020	<0.00070
MW-6	11/18/10	1011751-05	<0.00020	<0.00020	<0.00020	<0.00070
MW-6	02/24/11	1102759-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	05/31/11	1106003-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	08/29/11	1108973-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	11/28/11	1111900-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	02/22/12	1202868-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	05/22/12	12051129-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	09/11/12	1209470-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	11/26/12	1211905-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	02/27/13	L622427-05	<0.001	<0.005	<0.001	<0.003
MW-6	06/10/13	L641101-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/11/13	L657122-05	<0.001	<0.005	<0.001	<0.003
MW-6	12/11/13	L673997-05	<0.001	<0.005	<0.001	<0.003
MW-6	03/05/14	L686932-05	<0.001	<0.005	<0.001	<0.003
MW-6	06/06/14	L703440-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/18/14	L722808-05	<0.001	<0.005	<0.001	<0.003
MW-6	11/12/14	L733859-05	<0.001	<0.005	<0.001	<0.003
MW-6	02/24/15	L750324-05	<0.001	<0.005	<0.001	<0.003
MW-6	06/18/15	L772291-06	<0.001	<0.005	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-6	08/22/15	L785989-05	<0.001	<0.005	<0.001	<0.003
MW-6	11/19/15	L802533-05	<0.001	<0.005	<0.001	<0.003
MW-6	03/08/16	L822604-05	<0.001	<0.005	<0.001	<0.003
MW-6	05/20/16	L837134-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/21/16	L861614-05	<0.001	<0.005	<0.001	<0.003
MW-6	12/16/16	L879658-05	<0.001	<0.005	<0.001	<0.003
MW-6	03/02/17	L893619-05	<0.001	<0.001	<0.001	<0.003
MW-6	05/16/17	L910269-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/13/17	L936705-05	<0.001	<0.001	<0.001	<0.003
MW-6	11/29/17	L954388-05	<0.001	<0.001	<0.001	<0.003
MW-6	03/08/18	L976570-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/06/18	L1000531-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/12/18	L1025965-06	<0.001	<0.001	<0.001	<0.003
MW-6	11/30/18	L1050022-05	<0.001	<0.001	<0.001	<0.003
MW-6	02/14/19	L1071077-05	<0.001	<0.001	<0.001	<0.003
MW-6	05/10/19	L1098634-06	<0.001	0.00425	<0.001	<0.003
MW-6	08/28/19	L1134078-06	<0.001	<0.001	<0.001	<0.003
MW-6	11/20/19	L1163668-06	<0.001	<0.001	<0.001	<0.003
MW-7	06/15/06	T13864-6	<0.00038	<0.00036	<0.00035	<0.00072
MW-7	09/12/06	T14673-6	0.0163	<0.00020	<0.00033	0.0036
MW-7	12/06/06	T15625-6	0.011	<0.00020	<0.00033	0.004
MW-7	03/01/07	T16518-6	<0.00035	<0.00020	<0.00033	0.0053
MW-7	06/01/07	T17666-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	09/07/07	T18804-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	11/13/07	T19746-6	<0.0005	<0.0005	<0.0005	<0.001
MW-7	02/27/08	T21042-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	05/22/08	T22302-7	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	08/20/08	T23537-6	0.00086 J	<0.0005	0.00054 J	<0.001
MW-7*	11/19/08	180056	NS	NS	NS	NS

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
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RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-7	02/17/09	187743	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	05/19/09	9052214	<0.000149	<0.000188	<0.000178	<0.000163
MW-7	08/26/09	208340	<0.000133	<0.000281	<0.000535	<0.000960
MW-7	11/17/09	215434	<0.000133	<0.000281	<0.000535	<0.000960
MW-7	02/09/10	222053	<0.000208	<0.000208	0.0012	0.0014
MW-7	05/12/10	1005476-07	0.0017	<0.00020	0.00079 J	0.0019 J
MW-7	08/26/10	1008908-06	<0.00020	<0.00020	<0.00020	<0.00070
MW-7	11/18/10	1011751-06	<0.00020	<0.00020	<0.00020	<0.00070
MW-7	02/24/11	1102759-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	05/31/11	1106003-07	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	08/29/11	1108973-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	11/28/11	1111900-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	02/22/12	1202868-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	05/23/12	12051129-07	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	09/11/12	1209470-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	11/26/12	1211905-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	02/27/13	L622427-06	<0.001	<0.005	<0.001	<0.003
MW-7	06/10/13	L641101-07	<0.001	<0.005	<0.001	<0.003
MW-7	09/11/13	L657122-06	<0.001	<0.005	<0.001	<0.003
MW-7	12/11/13	L673997-06	<0.001	<0.005	<0.001	<0.003
MW-7	03/05/14	L686932-06	<0.001	<0.005	<0.001	<0.003
MW-7	06/06/14	L703440-07	<0.001	<0.005	<0.001	<0.003
MW-7	09/18/14	L722808-06	<0.001	<0.005	<0.001	<0.003
MW-7	11/12/14	L733859-06	<0.001	<0.005	<0.001	<0.003
MW-7	02/24/15	L750324-06	<0.001	<0.005	<0.001	<0.003
MW-7	06/18/15	L772291-07	<0.001	<0.005	<0.001	<0.003
MW-7	08/22/15	L785989-06	<0.001	<0.005	<0.001	<0.003
MW-7	11/19/15	L802533-06	<0.001	<0.005	<0.001	<0.003
MW-7	03/08/16	L822604-06	<0.001	<0.005	<0.001	<0.003
MW-7	05/20/16	L837134-07	<0.001	<0.005	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-7	09/21/16	L861614-06	<0.001	<0.005	<0.001	<0.003
MW-7	12/16/16	L879658-06	<0.001	<0.005	<0.001	<0.003
MW-7	03/02/17	L893619-06	<0.001	<0.001	<0.001	<0.003
MW-7	05/16/17	L910269-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/13/17	L936705-06	<0.001	<0.001	<0.001	<0.003
MW-7	11/29/17	L954388-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/08/18	L976570-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/06/18	L1000531-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/12/18	L1025965-07	<0.001	<0.001	<0.001	<0.003
MW-7	11/30/18	L1050022-06	<0.001	<0.001	<0.001	<0.003
MW-7	02/14/19	L1071077-06	<0.001	<0.001	<0.001	<0.003
MW-7	05/10/19	L1098634-07	<0.001	0.00389	<0.001	<0.003
MW-7	08/28/19	L1134078-07	<0.001	<0.001	<0.001	<0.003
MW-7	11/20/19	L1163668-07	<0.001	<0.001	<0.001	<0.003
RW-1	09/18/14	L722808-07	0.0042	0.034	0.016	0.056
RW-1	06/18/15	L772291-08	0.015	0.0069	0.02	0.041
RW-1	05/20/16	L837134-08	0.000863 J	<0.005	0.000837 J	<0.003
RW-1	05/16/17	L910269-08	0.0103	0.00285	0.00954	0.0107
RW-1	03/08/18	L976570-08	0.00696	0.00152	0.0133	0.0165
RW-1	06/07/18	L1000531-08	0.0435	0.00587	0.0721	0.117
RW-1	09/12/18	L1025965-08	<0.001	<0.001	<0.001	<0.003
RW-1	11/30/18	L1050022-07	0.067	<0.001	0.0396	0.0691
RW-1	02/14/19	L1071077-07	0.0728	0.00138	0.0287	0.0317
RW-1	05/10/19	L1098634-08	0.0354	0.00172	0.0200	0.0259
RW-1	08/28/19	L1134078-08	0.0734	<0.001	0.0249	0.0451
RW-1	11/20/19	L1163668-08	0.00465	<0.001	0.00205	<0.003
RW-2	09/18/14	L722808-08	0.01	0.14	0.13	0.41
RW-2	06/18/15	L772291-09	0.0011 J4	0.0015 J	0.0054	0.021

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITES
RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
RW-2	05/20/16	L837134-09	<0.001	<0.005	<0.001	<0.003
RW-2	05/16/17	L910269-09	0.0316	0.00128	0.0357	0.0776
RW-2	03/08/18	L976570-09	<0.001	<0.001	0.00391	0.00577
RW-2	06/07/18	L1000531-07	0.00213	<0.001	0.0296	0.0459
RW-2	09/12/18	L1025965-09	<0.001	<0.001	<0.001	<0.003
RW-2	11/30/18	L1050022-08	0.0108	<0.001	0.0145	0.136
RW-2	02/14/19	NS	NS	NS	NS	NS
RW-2	05/10/19	L1098634-09	0.00364	0.00165	0.00444	0.00942
RW-2	08/28/19	L1134078-09	0.00316	<0.001	<0.001	0.0666
RW-2	11/20/19	L1163668-09	0.00205	<0.001	<0.001	0.00602

NMOCD: New Mexico Oil Conservation District

Exceedences of NMOCD Remediation Criteria are shown in **bold**

NA: Not analyzed

J: Analyte detected below method detection limit (MDL) but above sample detection limit (SDL)

^a Result is from Run #2

P: Dual Column results percent difference > 40%

* MW-7 was not sampled in 4th Quarter 2008, due to root growth in the well

TABLE 5
Groundwater Analytical Results for Detected
Polynuclear Aromatic Hydrocarbons (PAHs) From Wells with Concentrations Exceeding NMOCD Standards
Plains Marketing, L.P.
D.S. Hugh Site
Lea County, New Mexico

Well	Date	Acenaphthene	Acenaphthylene	Anthracene	Chrysene	Dibenzofuran	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Other Regulatory Limits (Tap Water)*		0.365	NA	1.83	0.0291		1.46	1.46	***	1.1	0.183
MW-1	5/22/2008	<0.0015	<0.0016	<0.0018	<0.0014	NA	<0.0016	<0.0016	0.0107	<0.0016	<0.0011
MW-1	5/19/2009	<0.0013	<0.070	<0.0808	<0.0.02	NA	<0.0880	<0.0880	0.00667	0.00153	<0.0458
MW-1	5/12/2010	0.0037	<0.070	<0.070	<0.070	NA	<0.070	<0.070	0.047	0.0067	<0.070
MW-1	12/7/2011	0.0051	0.0007	0.00035	0.0012	NA	<0.002	<0.002	0.028	0.01	<0.002
MW-1	5/22/2012	0.0063	0.00995	0.0062	0.0101	NA	0.00254	0.0309	0.468	0.144	0.00198
MW-1	6/10/2013	0.00068	0.00026	0.00035	0.00011	0.0016	0.00014	0.0011	0.018	0.0022	0.00028
MW-1	6/6/2014	0.00057	0.00024	0.00027	0.00012	0.0014	<0.00005	0.0011	0.021	0.0022	0.00022
MW-1	6/18/2015	0.00026	0.000098	0.00015	0.000055	0.00049	0.000034	0.00043	0.0018	0.001	0.00011
MW-1	5/20/2016	0.0000140 J	<0.00005	0.0000163 J	<0.00005	0.0000228 J	<0.00005	0.0000288 J	0.0000938 BJ	0.0000234 J	0.0000145
MW-1	5/16/2017	0.0002	0.0000798	0.0000418 J	<0.00005	0.000841	<0.00005	0.000578	0.0132	0.000619	<0.00005
MW-1	6/6/2018	0.00012	<0.0001	<0.0001	<0.0001	0.00046	<0.0001	0.000279	0.0145	0.000292	<0.0001
MW-1	5/10/2019	0.0000894	<0.00005	<0.00005	<0.00005	0.00341	<0.00005	0.000186	0.0069	0.000197	<0.00005
MW-2	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.0000689 BJ	<0.00005	<0.00005
MW-2	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000375 BJ	<0.00005	<0.00005	0.0000436 BJ	<0.00005	<0.00005
MW-3	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.0000865 BJ	0.00000908 J	<0.00005
MW-3	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000485 BJ	<0.00005	<0.00005	0.0000508 BJ	<0.00005	<0.00005
MW-4	12/7/2011	<0.002	<0.002	<0.002	<0.002	NA	<0.002	<0.002	0.0036	0.00022	<0.002
MW-4	5/23/2012	0.000169	<0.00009	<0.00009	<0.00009	NA	<0.00009	0.00058	0.0458	0.000716	<0.00009
MW-4	6/10/2013	0.000035	<0.0000068	<0.0000076	<0.000011	0.00018	<0.000016	0.00077	0.0011	0.000076	0.000028 J
MW-4	6/6/2014	0.000032	0.000013	<0.00005	<0.00005	0.00018	<0.00005	0.000084	0.00021	0.000038	<0.000050
MW-4	6/18/2015	0.000019 J	<0.00005	<0.00005	<0.00005	0.00025	<0.00005	0.0000087	0.0006	0.000032 J	<0.00005
MW-4	5/20/2016	0.0000145 J	<0.00005	<0.00005	<0.00005	0.000449	<0.00005	0.000128	0.000404 B	0.0000465 J	<0.00005
MW-4	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.000456	<0.00005	0.000124	0.000160 BJ	0.0000664	<0.00005
MW-4	5/10/2019	<0.00005	<0.00005	<0.00005	<0.00005	0.000285	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-5	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.0000825 BJ	<0.00005	<0.00005
MW-5	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000416 BJ	<0.00005	<0.00005	0.0000558 BJ	<0.00005	<0.00005
MW-6	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.000011 BJ	<0.00005	<0.00005
MW-6	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000326 BJ	<0.00005	<0.00005	0.0000604 BJ	<0.00005	<0.00005
MW-7	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.0000126 BJ	<0.00005	<0.00005
MW-7	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000614 BJ	<0.00005	<0.00005	0.0000516 BJ	<0.00005	<0.00005
RW-1	9/18/2014	0.000062	<0.00005	0.000034	<0.00005	0.00027	<0.00005	0.0002	0.0038	0.00034	<0.000050

Table 6
2019 PSH and Dissolved Phase Groundwater Recovery
Plains Marketing, L.P.
DS Hugh Site
Lea County, New Mexico

Month	PSH Recoverd (gallons)	Total Fluids Recovered (gallons)
MW-1	0.00	390.00
RW-1	0.00	340.00
RW-2	0.00	300.00
Total Fluids Recovered in 2019	0	1030

Note: The above estimated gallons of total fluids (PSH and groundwater) include those pumped and manually bailed; these are estimates only.

Appendix A

2019 Laboratory Analytical Data and Chain of Custody Documentation

February 21, 2019

Plains All American Pipeline - Entech

Sample Delivery Group: L1071077
Samples Received: 02/16/2019
Project Number: PAA12003
Description: DS Hugh

Report To: Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Entire Report Reviewed By:



Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
MW2 L1071077-01	5	
MW3 L1071077-02	6	⁴ Cn
MW4 L1071077-03	7	⁵ Sr
MW5 L1071077-04	8	
MW6 L1071077-05	9	⁶ Qc
MW7 L1071077-06	10	
RW1 L1071077-07	11	⁷ Gl
Qc: Quality Control Summary	12	⁸ Al
Volatile Organic Compounds (GC/MS) by Method 8260B	12	
Gl: Glossary of Terms	13	⁹ Sc
Al: Accreditations & Locations	14	
Sc: Sample Chain of Custody	15	

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



MW2 L1071077-01 GW

			Collected by Chris Sanchez	Collected date/time 02/14/19 11:45	Received date/time 02/16/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1238497	1	02/18/19 05:40	02/18/19 05:40	TJJ

¹ Cp

² Tc

³ Ss

MW3 L1071077-02 GW

			Collected by Chris Sanchez	Collected date/time 02/14/19 11:50	Received date/time 02/16/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1238497	1	02/18/19 06:00	02/18/19 06:00	TJJ

⁴ Cn

⁵ Sr

MW4 L1071077-03 GW

			Collected by Chris Sanchez	Collected date/time 02/14/19 12:00	Received date/time 02/16/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1238497	1	02/18/19 06:21	02/18/19 06:21	TJJ

⁶ Qc

⁷ Gl

MW5 L1071077-04 GW

			Collected by Chris Sanchez	Collected date/time 02/14/19 11:55	Received date/time 02/16/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1238497	1	02/18/19 06:42	02/18/19 06:42	TJJ

⁸ Al

⁹ Sc

MW6 L1071077-05 GW

			Collected by Chris Sanchez	Collected date/time 02/14/19 12:05	Received date/time 02/16/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1238497	1	02/18/19 08:17	02/18/19 08:17	TJJ

MW7 L1071077-06 GW

			Collected by Chris Sanchez	Collected date/time 02/14/19 12:10	Received date/time 02/16/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1238497	1	02/18/19 09:06	02/18/19 09:06	TJJ

RW1 L1071077-07 GW

			Collected by Chris Sanchez	Collected date/time 02/14/19 12:15	Received date/time 02/16/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1238497	1	02/18/19 09:27	02/18/19 09:27	TJJ

ACCOUNT:

Plains All American Pipeline - Entech

PROJECT:

PAA12003

SDG:

L1071077

DATE/TIME:

02/21/19 14:45

PAGE:

3 of 16



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Mark W. Beasley
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	02/18/2019 05:40	WG1238497
Toluene	ND		0.00100	1	02/18/2019 05:40	WG1238497
Ethylbenzene	ND		0.00100	1	02/18/2019 05:40	WG1238497
Total Xylenes	ND		0.00300	1	02/18/2019 05:40	WG1238497
(S) Toluene-d8	101		80.0-120		02/18/2019 05:40	WG1238497
(S) o,o,a-Trifluorotoluene	106		80.0-120		02/18/2019 05:40	WG1238497
(S) 4-Bromofluorobenzene	85.1		77.0-126		02/18/2019 05:40	WG1238497
(S) 1,2-Dichloroethane-d4	91.3		70.0-130		02/18/2019 05:40	WG1238497

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Collected date/time: 02/14/19 11:50

L1071077

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	02/18/2019 06:00	WG1238497
Toluene	ND		0.00100	1	02/18/2019 06:00	WG1238497
Ethylbenzene	ND		0.00100	1	02/18/2019 06:00	WG1238497
Total Xylenes	ND		0.00300	1	02/18/2019 06:00	WG1238497
(S) Toluene-d8	104		80.0-120		02/18/2019 06:00	WG1238497
(S) o,o,a-Trifluorotoluene	107		80.0-120		02/18/2019 06:00	WG1238497
(S) 4-Bromofluorobenzene	86.0		77.0-126		02/18/2019 06:00	WG1238497
(S) 1,2-Dichloroethane-d4	91.1		70.0-130		02/18/2019 06:00	WG1238497

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	02/18/2019 06:21	WG1238497
Toluene	ND		0.00100	1	02/18/2019 06:21	WG1238497
Ethylbenzene	ND		0.00100	1	02/18/2019 06:21	WG1238497
Total Xylenes	ND		0.00300	1	02/18/2019 06:21	WG1238497
(S) Toluene-d8	99.8		80.0-120		02/18/2019 06:21	WG1238497
(S) o,o,a-Trifluorotoluene	107		80.0-120		02/18/2019 06:21	WG1238497
(S) 4-Bromofluorobenzene	83.2		77.0-126		02/18/2019 06:21	WG1238497
(S) 1,2-Dichloroethane-d4	85.6		70.0-130		02/18/2019 06:21	WG1238497

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	02/18/2019 06:42	WG1238497
Toluene	ND		0.00100	1	02/18/2019 06:42	WG1238497
Ethylbenzene	ND		0.00100	1	02/18/2019 06:42	WG1238497
Total Xylenes	ND		0.00300	1	02/18/2019 06:42	WG1238497
(S) Toluene-d8	100		80.0-120		02/18/2019 06:42	WG1238497
(S) o,o,a-Trifluorotoluene	106		80.0-120		02/18/2019 06:42	WG1238497
(S) 4-Bromofluorobenzene	81.4		77.0-126		02/18/2019 06:42	WG1238497
(S) 1,2-Dichloroethane-d4	93.0		70.0-130		02/18/2019 06:42	WG1238497

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	02/18/2019 08:17	WG1238497
Toluene	ND		0.00100	1	02/18/2019 08:17	WG1238497
Ethylbenzene	ND		0.00100	1	02/18/2019 08:17	WG1238497
Total Xylenes	ND		0.00300	1	02/18/2019 08:17	WG1238497
(S) Toluene-d8	98.6		80.0-120		02/18/2019 08:17	WG1238497
(S) o,o,a-Trifluorotoluene	105		80.0-120		02/18/2019 08:17	WG1238497
(S) 4-Bromofluorobenzene	89.3		77.0-126		02/18/2019 08:17	WG1238497
(S) 1,2-Dichloroethane-d4	90.5		70.0-130		02/18/2019 08:17	WG1238497

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	02/18/2019 09:06	WG1238497
Toluene	ND		0.00100	1	02/18/2019 09:06	WG1238497
Ethylbenzene	ND		0.00100	1	02/18/2019 09:06	WG1238497
Total Xylenes	ND		0.00300	1	02/18/2019 09:06	WG1238497
(S) Toluene-d8	98.0		80.0-120		02/18/2019 09:06	WG1238497
(S) o,o,a-Trifluorotoluene	104		80.0-120		02/18/2019 09:06	WG1238497
(S) 4-Bromofluorobenzene	88.6		77.0-126		02/18/2019 09:06	WG1238497
(S) 1,2-Dichloroethane-d4	99.6		70.0-130		02/18/2019 09:06	WG1238497

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0728		0.00100	1	02/18/2019 09:27	WG1238497
Toluene	0.00138		0.00100	1	02/18/2019 09:27	WG1238497
Ethylbenzene	0.0287		0.00100	1	02/18/2019 09:27	WG1238497
Total Xylenes	0.0317		0.00300	1	02/18/2019 09:27	WG1238497
(S) Toluene-d8	92.3		80.0-120		02/18/2019 09:27	WG1238497
(S) o,o,a-Trifluorotoluene	102		80.0-120		02/18/2019 09:27	WG1238497
(S) 4-Bromofluorobenzene	90.8		77.0-126		02/18/2019 09:27	WG1238497
(S) 1,2-Dichloroethane-d4	98.8		70.0-130		02/18/2019 09:27	WG1238497

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Method Blank (MB)

(MB) R3384738-3 02/18/19 01:30

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	101			80.0-120
(S) a,a,a-Trifluorotoluene	108			80.0-120
(S) 4-Bromofluorobenzene	87.7			77.0-126
(S) 1,2-Dichloroethane-d4	91.7			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3384738-1 02/18/19 00:28 • (LCSD) R3384738-2 02/18/19 00:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0258	0.0257	103	103	70.0-123			0.488	20
Ethylbenzene	0.0250	0.0258	0.0260	103	104	79.0-123			0.920	20
Toluene	0.0250	0.0252	0.0257	101	103	79.0-120			1.95	20
Xylenes, Total	0.0750	0.0751	0.0753	100	100	79.0-123			0.266	20
(S) Toluene-d8				93.9	98.0	80.0-120				
(S) a,a,a-Trifluorotoluene				108	107	80.0-120				
(S) 4-Bromofluorobenzene				94.0	93.1	77.0-126				
(S) 1,2-Dichloroethane-d4				98.7	91.3	70.0-130				



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

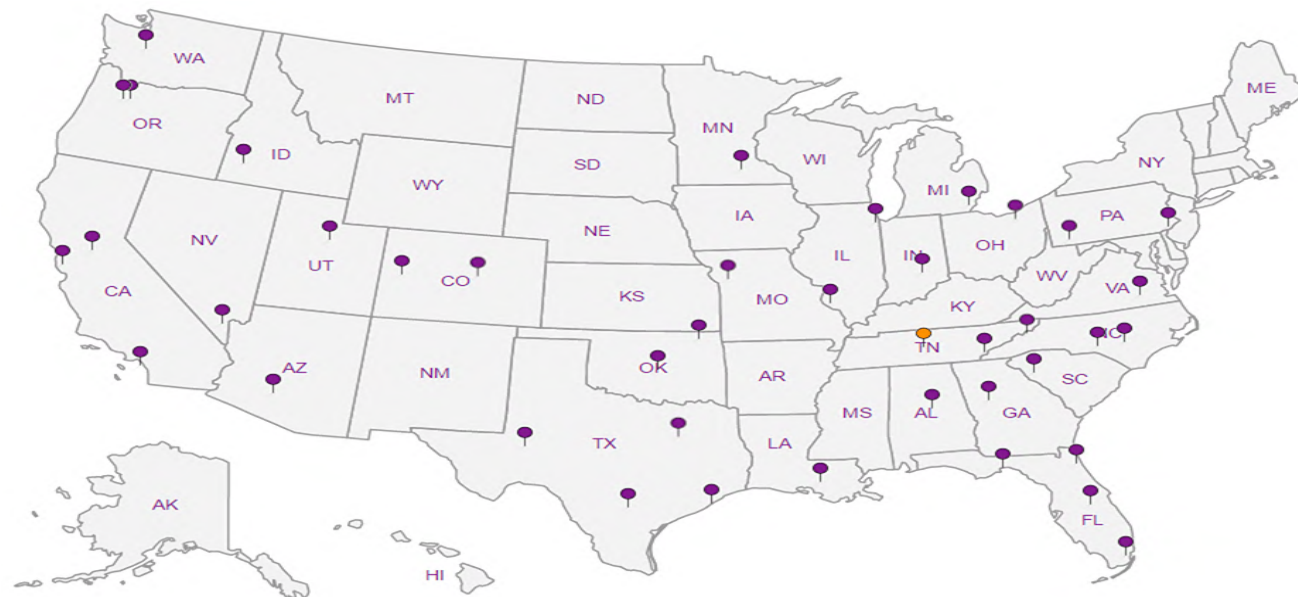
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Pace Analytical National Center for Testing & Innovation Cooler Receipt Form

Client:	PLAINSENT	SDG#:	21071077
Cooler Received/Opened On:	2/16/19	Temperature:	1.9
Received By: Eric Struck			
Signature: 			
Receipt Check List	NP	Yes	No
COC Seal Present / Intact?	/	/	
COC Signed / Accurate?		/	
Bottles arrive intact?		/	
Correct bottles used?		/	
Sufficient volume sent?			
If Applicable		/	
VOA Zero headspace?			
Preservation Correct / Checked?			

May 21, 2019

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Plains All American Pipeline - Entech

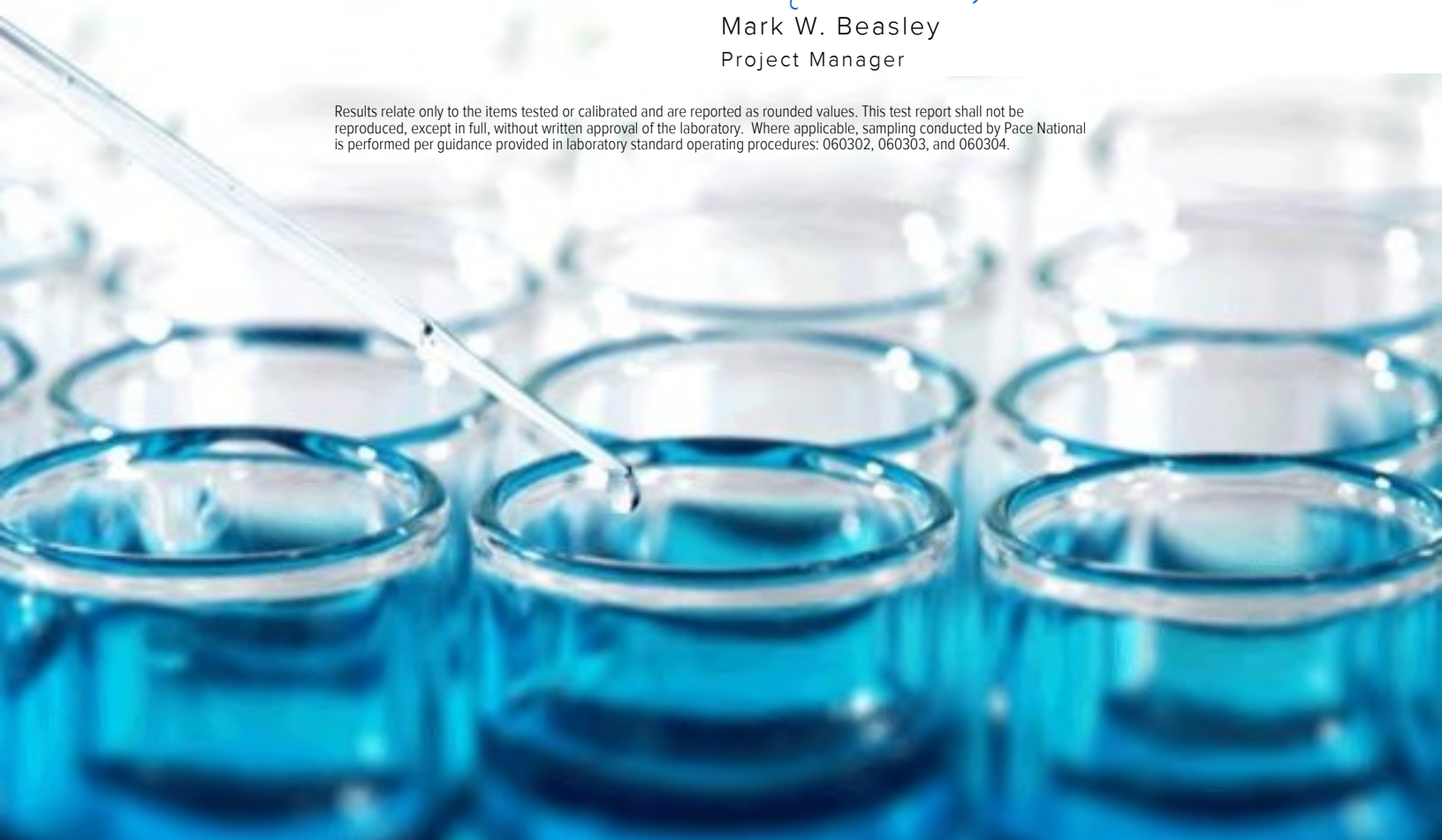
Sample Delivery Group: L1098634
Samples Received: 05/14/2019
Project Number: PAA12003
Description: DS Hugh
Site: SRS - 2000-10807
Report To: Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Entire Report Reviewed By:



Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.





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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



MW1 L1098634-01 GW

				Collected by Shane Diller	Collected date/time 05/10/19 14:30	Received date/time 05/14/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1281723	1	05/15/19 22:52	05/15/19 22:52	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1281145	1	05/15/19 15:46	05/16/19 03:12	DMG	Mt. Juliet, TN

MW2 L1098634-02 GW

				Collected by Shane Diller	Collected date/time 05/10/19 14:40	Received date/time 05/14/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1281723	1	05/15/19 23:13	05/15/19 23:13	JHH	Mt. Juliet, TN

MW3 L1098634-03 GW

				Collected by Shane Diller	Collected date/time 05/10/19 11:55	Received date/time 05/14/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1281723	1	05/15/19 23:35	05/15/19 23:35	JHH	Mt. Juliet, TN

MW4 L1098634-04 GW

				Collected by Shane Diller	Collected date/time 05/10/19 14:30	Received date/time 05/14/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1281723	1	05/15/19 23:56	05/15/19 23:56	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1281145	1	05/15/19 15:46	05/16/19 03:34	AAT	Mt. Juliet, TN

MW5 L1098634-05 GW

				Collected by Shane Diller	Collected date/time 05/10/19 14:20	Received date/time 05/14/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1281723	1	05/16/19 00:18	05/16/19 00:18	JHH	Mt. Juliet, TN

MW6 L1098634-06 GW

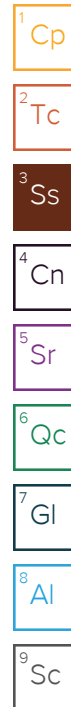
				Collected by Shane Diller	Collected date/time 05/10/19 12:50	Received date/time 05/14/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1281739	1	05/16/19 02:28	05/16/19 02:28	JHH	Mt. Juliet, TN

MW7 L1098634-07 GW

				Collected by Shane Diller	Collected date/time 05/10/19 13:40	Received date/time 05/14/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1281739	1	05/16/19 02:49	05/16/19 02:49	JHH	Mt. Juliet, TN

RW1 L1098634-08 GW

				Collected by Shane Diller	Collected date/time 05/10/19 14:10	Received date/time 05/14/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1281739	1	05/16/19 03:11	05/16/19 03:11	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1281145	1	05/15/19 15:46	05/16/19 03:55	AAT	Mt. Juliet, TN



ACCOUNT:

Plains All American Pipeline - Entech

PROJECT:

PAA12003

SDG:

L1098634

DATE/TIME:

05/21/19 14:26

PAGE:

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



RW2 L1098634-09 GW

Collected by
Shane DillerCollected date/time
05/10/19 14:00Received date/time
05/14/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1281739	1	05/16/19 03:33	05/16/19 03:33	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1281145	1	05/15/19 15:46	05/16/19 04:17	AAT	Mt. Juliet, TN

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

ACCOUNT:

Plains All American Pipeline - Entech

PROJECT:

PAA12003

SDG:

L1098634

DATE/TIME:

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All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Mark W. Beasley
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0372		0.00100	1	05/15/2019 22:52	WG1281723
Toluene	0.00413		0.00100	1	05/15/2019 22:52	WG1281723
Ethylbenzene	0.0597		0.00100	1	05/15/2019 22:52	WG1281723
Total Xylenes	0.107		0.00300	1	05/15/2019 22:52	WG1281723
(S) Toluene-d8	99.0		80.0-120		05/15/2019 22:52	WG1281723
(S) a,a,a-Trifluorotoluene	109		80.0-120		05/15/2019 22:52	WG1281723
(S) 4-Bromofluorobenzene	97.2		77.0-126		05/15/2019 22:52	WG1281723
(S) 1,2-Dichloroethane-d4	95.7		70.0-130		05/15/2019 22:52	WG1281723

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Acenaphthene	0.0000894		0.0000500	1	05/16/2019 03:12	WG1281145
Acenaphthylene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Benzo(a)anthracene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Benzo(a)pyrene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Benzo(b)fluoranthene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Benzo(g,h,i)perylene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Benzo(k)fluoranthene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Chrysene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Dibenz(a,h)anthracene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Dibenzofuran	0.000341		0.0000500	1	05/16/2019 03:12	WG1281145
Fluoranthene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Fluorene	0.000186		0.0000500	1	05/16/2019 03:12	WG1281145
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
Naphthalene	0.00690		0.000250	1	05/16/2019 03:12	WG1281145
Phenanthrene	0.000197		0.0000500	1	05/16/2019 03:12	WG1281145
Pyrene	ND		0.0000500	1	05/16/2019 03:12	WG1281145
1-Methylnaphthalene	0.00481		0.000250	1	05/16/2019 03:12	WG1281145
2-Methylnaphthalene	0.00308		0.000250	1	05/16/2019 03:12	WG1281145
2-Chloronaphthalene	ND		0.000250	1	05/16/2019 03:12	WG1281145
(S) Nitrobenzene-d5	62.5		31.0-160		05/16/2019 03:12	WG1281145
(S) 2-Fluorobiphenyl	40.6	<u>J2</u>	48.0-148		05/16/2019 03:12	WG1281145
(S) p-Terphenyl-d14	43.8		37.0-146		05/16/2019 03:12	WG1281145

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	05/15/2019 23:13	WG1281723
Toluene	ND		0.00100	1	05/15/2019 23:13	WG1281723
Ethylbenzene	ND		0.00100	1	05/15/2019 23:13	WG1281723
Total Xylenes	ND		0.00300	1	05/15/2019 23:13	WG1281723
(S) Toluene-d8	101		80.0-120		05/15/2019 23:13	WG1281723
(S) o,o,a-Trifluorotoluene	110		80.0-120		05/15/2019 23:13	WG1281723
(S) 4-Bromofluorobenzene	96.6		77.0-126		05/15/2019 23:13	WG1281723
(S) 1,2-Dichloroethane-d4	95.2		70.0-130		05/15/2019 23:13	WG1281723

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	05/15/2019 23:35	WG1281723
Toluene	0.00303		0.00100	1	05/15/2019 23:35	WG1281723
Ethylbenzene	ND		0.00100	1	05/15/2019 23:35	WG1281723
Total Xylenes	ND		0.00300	1	05/15/2019 23:35	WG1281723
(S) Toluene-d8	101		80.0-120		05/15/2019 23:35	WG1281723
(S) o,a,a-Trifluorotoluene	110		80.0-120		05/15/2019 23:35	WG1281723
(S) 4-Bromofluorobenzene	99.3		77.0-126		05/15/2019 23:35	WG1281723
(S) 1,2-Dichloroethane-d4	96.5		70.0-130		05/15/2019 23:35	WG1281723

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	05/15/2019 23:56	WG1281723
Toluene	ND		0.00100	1	05/15/2019 23:56	WG1281723
Ethylbenzene	ND		0.00100	1	05/15/2019 23:56	WG1281723
Total Xylenes	ND		0.00300	1	05/15/2019 23:56	WG1281723
(S) Toluene-d8	99.8		80.0-120		05/15/2019 23:56	WG1281723
(S) a,a,a-Trifluorotoluene	108		80.0-120		05/15/2019 23:56	WG1281723
(S) 4-Bromofluorobenzene	95.3		77.0-126		05/15/2019 23:56	WG1281723
(S) 1,2-Dichloroethane-d4	95.5		70.0-130		05/15/2019 23:56	WG1281723

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Acenaphthene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Acenaphthylene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Benzo(a)anthracene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Benzo(a)pyrene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Benzo(b)fluoranthene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Benzo(g,h,i)perylene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Benzo(k)fluoranthene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Chrysene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Dibenz(a,h)anthracene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Dibenzofuran	0.000285		0.0000500	1	05/16/2019 03:34	WG1281145
Fluoranthene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Fluorene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Naphthalene	ND		0.000250	1	05/16/2019 03:34	WG1281145
Phenanthrene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
Pyrene	ND		0.0000500	1	05/16/2019 03:34	WG1281145
1-Methylnaphthalene	ND		0.000250	1	05/16/2019 03:34	WG1281145
2-Methylnaphthalene	ND		0.000250	1	05/16/2019 03:34	WG1281145
2-Chloronaphthalene	ND		0.000250	1	05/16/2019 03:34	WG1281145
(S) Nitrobenzene-d5	136		31.0-160		05/16/2019 03:34	WG1281145
(S) 2-Fluorobiphenyl	89.5		48.0-148		05/16/2019 03:34	WG1281145
(S) p-Terphenyl-d14	98.5		37.0-146		05/16/2019 03:34	WG1281145

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	05/16/2019 00:18	WG1281723
Toluene	ND		0.00100	1	05/16/2019 00:18	WG1281723
Ethylbenzene	ND		0.00100	1	05/16/2019 00:18	WG1281723
Total Xylenes	ND		0.00300	1	05/16/2019 00:18	WG1281723
(S) Toluene-d8	105		80.0-120		05/16/2019 00:18	WG1281723
(S) o,a,a-Trifluorotoluene	111		80.0-120		05/16/2019 00:18	WG1281723
(S) 4-Bromofluorobenzene	100		77.0-126		05/16/2019 00:18	WG1281723
(S) 1,2-Dichloroethane-d4	95.4		70.0-130		05/16/2019 00:18	WG1281723

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	05/16/2019 02:28	WG1281739
Toluene	0.00425		0.00100	1	05/16/2019 02:28	WG1281739
Ethylbenzene	ND		0.00100	1	05/16/2019 02:28	WG1281739
Total Xylenes	ND		0.00300	1	05/16/2019 02:28	WG1281739
(S) Toluene-d8	107		80.0-120		05/16/2019 02:28	WG1281739
(S) o,o,a-Trifluorotoluene	112		80.0-120		05/16/2019 02:28	WG1281739
(S) 4-Bromofluorobenzene	104		77.0-126		05/16/2019 02:28	WG1281739
(S) 1,2-Dichloroethane-d4	96.1		70.0-130		05/16/2019 02:28	WG1281739

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	05/16/2019 02:49	WG1281739
Toluene	0.00389		0.00100	1	05/16/2019 02:49	WG1281739
Ethylbenzene	ND		0.00100	1	05/16/2019 02:49	WG1281739
Total Xylenes	ND		0.00300	1	05/16/2019 02:49	WG1281739
(S) Toluene-d8	97.5		80.0-120		05/16/2019 02:49	WG1281739
(S) o,o,a-Trifluorotoluene	112		80.0-120		05/16/2019 02:49	WG1281739
(S) 4-Bromofluorobenzene	98.7		77.0-126		05/16/2019 02:49	WG1281739
(S) 1,2-Dichloroethane-d4	96.9		70.0-130		05/16/2019 02:49	WG1281739

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Collected date/time: 05/10/19 14:10

L1098634

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0354		0.00100	1	05/16/2019 03:11	WG1281739
Toluene	0.00172		0.00100	1	05/16/2019 03:11	WG1281739
Ethylbenzene	0.0200		0.00100	1	05/16/2019 03:11	WG1281739
Total Xylenes	0.0259		0.00300	1	05/16/2019 03:11	WG1281739
(S) Toluene-d8	109		80.0-120		05/16/2019 03:11	WG1281739
(S) a,a,a-Trifluorotoluene	107		80.0-120		05/16/2019 03:11	WG1281739
(S) 4-Bromofluorobenzene	110		77.0-126		05/16/2019 03:11	WG1281739
(S) 1,2-Dichloroethane-d4	94.9		70.0-130		05/16/2019 03:11	WG1281739

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Acenaphthene	0.000220		0.0000500	1	05/16/2019 03:55	WG1281145
Acenaphthylene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Benzo(a)anthracene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Benzo(a)pyrene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Benzo(b)fluoranthene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Benzo(g,h,i)perylene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Benzo(k)fluoranthene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Chrysene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Dibenz(a,h)anthracene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Dibenzofuran	0.000890		0.0000500	1	05/16/2019 03:55	WG1281145
Fluoranthene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Fluorene	0.000438		0.0000500	1	05/16/2019 03:55	WG1281145
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
Naphthalene	0.00614		0.000250	1	05/16/2019 03:55	WG1281145
Phenanthrene	0.000551		0.0000500	1	05/16/2019 03:55	WG1281145
Pyrene	ND		0.0000500	1	05/16/2019 03:55	WG1281145
1-Methylnaphthalene	0.00562		0.000250	1	05/16/2019 03:55	WG1281145
2-Methylnaphthalene	0.00291		0.000250	1	05/16/2019 03:55	WG1281145
2-Chloronaphthalene	ND		0.000250	1	05/16/2019 03:55	WG1281145
(S) Nitrobenzene-d5	142		31.0-160		05/16/2019 03:55	WG1281145
(S) 2-Fluorobiphenyl	93.5		48.0-148		05/16/2019 03:55	WG1281145
(S) p-Terphenyl-d14	96.0		37.0-146		05/16/2019 03:55	WG1281145

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00364		0.00100	1	05/16/2019 03:33	WG1281739
Toluene	0.00165		0.00100	1	05/16/2019 03:33	WG1281739
Ethylbenzene	0.00444		0.00100	1	05/16/2019 03:33	WG1281739
Total Xylenes	0.00942		0.00300	1	05/16/2019 03:33	WG1281739
(S) Toluene-d8	99.2		80.0-120		05/16/2019 03:33	WG1281739
(S) a,a,a-Trifluorotoluene	106		80.0-120		05/16/2019 03:33	WG1281739
(S) 4-Bromofluorobenzene	98.8		77.0-126		05/16/2019 03:33	WG1281739
(S) 1,2-Dichloroethane-d4	96.8		70.0-130		05/16/2019 03:33	WG1281739

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Acenaphthene	0.0000684		0.0000500	1	05/16/2019 04:17	WG1281145
Acenaphthylene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Benzo(a)anthracene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Benzo(a)pyrene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Benzo(b)fluoranthene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Benzo(g,h,i)perylene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Benzo(k)fluoranthene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Chrysene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Dibenz(a,h)anthracene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Dibenzofuran	0.000225		0.0000500	1	05/16/2019 04:17	WG1281145
Fluoranthene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Fluorene	0.000151		0.0000500	1	05/16/2019 04:17	WG1281145
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
Naphthalene	0.00153		0.000250	1	05/16/2019 04:17	WG1281145
Phenanthrene	0.000187		0.0000500	1	05/16/2019 04:17	WG1281145
Pyrene	ND		0.0000500	1	05/16/2019 04:17	WG1281145
1-Methylnaphthalene	0.00192		0.000250	1	05/16/2019 04:17	WG1281145
2-Methylnaphthalene	0.00103		0.000250	1	05/16/2019 04:17	WG1281145
2-Chloronaphthalene	ND		0.000250	1	05/16/2019 04:17	WG1281145
(S) Nitrobenzene-d5	127		31.0-160		05/16/2019 04:17	WG1281145
(S) 2-Fluorobiphenyl	85.0		48.0-148		05/16/2019 04:17	WG1281145
(S) p-Terphenyl-d14	94.0		37.0-146		05/16/2019 04:17	WG1281145

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3413093-2 05/15/19 17:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	107			80.0-120
(S) a,a,a-Trifluorotoluene	110			80.0-120
(S) 4-Bromofluorobenzene	99.2			77.0-126
(S) 1,2-Dichloroethane-d4	94.7			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3413093-1 05/15/19 16:23

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0250	0.0269	108	70.0-123	
Ethylbenzene	0.0250	0.0245	98.1	79.0-123	
Toluene	0.0250	0.0283	113	79.0-120	
Xylenes, Total	0.0750	0.0824	110	79.0-123	
(S) Toluene-d8			111	80.0-120	
(S) a,a,a-Trifluorotoluene			104	80.0-120	
(S) 4-Bromofluorobenzene			105	77.0-126	
(S) 1,2-Dichloroethane-d4			105	70.0-130	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Method Blank (MB)

(MB) R3413094-3 05/16/19 02:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	101			80.0-120
(S) a,a,a-Trifluorotoluene	110			80.0-120
(S) 4-Bromofluorobenzene	82.5			77.0-126
(S) 1,2-Dichloroethane-d4	97.5			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3413094-1 05/16/19 01:01 • (LCSD) R3413094-2 05/16/19 01:23

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0275	0.0276	110	110	70.0-123			0.341	20
Ethylbenzene	0.0250	0.0268	0.0267	107	107	79.0-123			0.431	20
Toluene	0.0250	0.0254	0.0252	102	101	79.0-120			0.623	20
Xylenes, Total	0.0750	0.0786	0.0746	105	99.5	79.0-123			5.22	20
(S) Toluene-d8				96.2	99.5	80.0-120				
(S) a,a,a-Trifluorotoluene				106	106	80.0-120				
(S) 4-Bromofluorobenzene				97.4	78.6	77.0-126				
(S) 1,2-Dichloroethane-d4				102	109	70.0-130				

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Method Blank (MB)

(MB) R3411891-3 05/15/19 23:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000140	0.0000500
Acenaphthene	U		0.0000100	0.0000500
Acenaphthylene	U		0.0000120	0.0000500
Benzo(a)anthracene	U		0.00000410	0.0000500
Benzo(a)pyrene	U		0.0000116	0.0000500
Benzo(b)fluoranthene	U		0.00000212	0.0000500
Benzo(g,h,i)perylene	U		0.00000227	0.0000500
Benzo(k)fluoranthene	U		0.0000136	0.0000500
Chrysene	U		0.0000108	0.0000500
Dibenz(a,h)anthracene	U		0.00000396	0.0000500
Fluoranthene	U		0.0000157	0.0000500
Fluorene	U		0.00000850	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000148	0.0000500
Naphthalene	U		0.0000198	0.000250
Phenanthrene	U		0.00000820	0.0000500
Pyrene	U		0.0000117	0.0000500
1-Methylnaphthalene	U		0.00000821	0.000250
2-Methylnaphthalene	U		0.00000902	0.000250
2-Chloronaphthalene	U		0.00000647	0.000250
Dibenzofuran	U		0.00000105	0.0000500
(S) Nitrobenzene-d5	134			31.0-160
(S) 2-Fluorobiphenyl	88.5			48.0-148
(S) p-Terphenyl-d14	92.5			37.0-146

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3411891-1 05/15/19 22:28 • (LCSD) R3411891-2 05/15/19 22:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dibenzofuran	0.00200	0.00170	0.00171	85.0	85.5	67.0-134			0.587	20
Anthracene	0.00200	0.00192	0.00193	96.0	96.5	67.0-150			0.519	20
Acenaphthene	0.00200	0.00179	0.00180	89.5	90.0	65.0-138			0.557	20
Acenaphthylene	0.00200	0.00185	0.00184	92.5	92.0	66.0-140			0.542	20
Benzo(a)anthracene	0.00200	0.00171	0.00163	85.5	81.5	61.0-140			4.79	20
Benzo(a)pyrene	0.00200	0.00176	0.00176	88.0	88.0	60.0-143			0.000	20
Benzo(b)fluoranthene	0.00200	0.00174	0.00176	87.0	88.0	58.0-141			1.14	20
Benzo(g,h,i)perylene	0.00200	0.00172	0.00171	86.0	85.5	52.0-153			0.583	20
Benzo(k)fluoranthene	0.00200	0.00178	0.00176	89.0	88.0	58.0-148			1.13	20
Chrysene	0.00200	0.00177	0.00187	88.5	93.5	64.0-144			5.49	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3411891-1 05/15/19 22:28 • (LCSD) R3411891-2 05/15/19 22:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Dibenz(a,h)anthracene	0.00200	0.00177	0.00175	88.5	87.5	52.0-155			1.14	20
Fluoranthene	0.00200	0.00188	0.00180	94.0	90.0	69.0-153			4.35	20
Fluorene	0.00200	0.00161	0.00163	80.5	81.5	64.0-136			1.23	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00180	0.00179	90.0	89.5	54.0-153			0.557	20
Naphthalene	0.00200	0.00173	0.00174	86.5	87.0	61.0-137			0.576	20
Phenanthrene	0.00200	0.00164	0.00166	82.0	83.0	62.0-137			1.21	20
Pyrene	0.00200	0.00175	0.00171	87.5	85.5	60.0-142			2.31	20
1-Methylnaphthalene	0.00200	0.00161	0.00159	80.5	79.5	66.0-142			1.25	20
2-Methylnaphthalene	0.00200	0.00160	0.00159	80.0	79.5	62.0-136			0.627	20
2-Chloronaphthalene	0.00200	0.00169	0.00170	84.5	85.0	64.0-140			0.590	20
(S) Nitrobenzene-d5				127	126	31.0-160				
(S) 2-Fluorobiphenyl				86.0	85.0	48.0-148				
(S) p-Terphenyl-d14				93.0	86.5	37.0-146				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
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1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

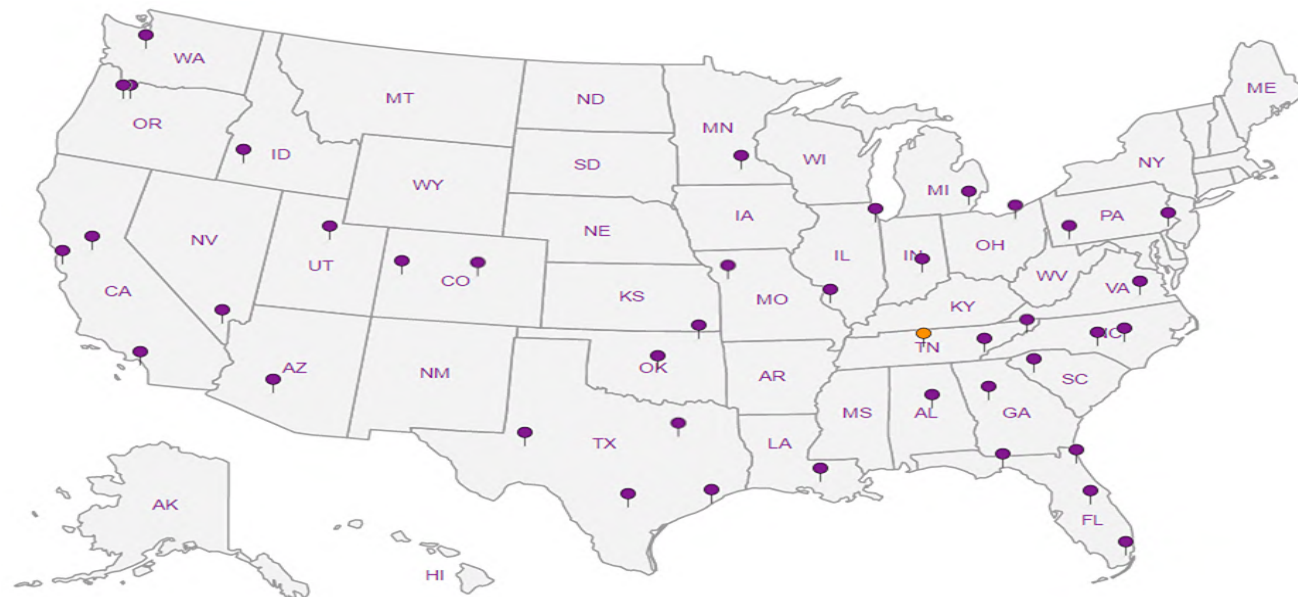
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Plains All American Pipeline - Entech

21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Billing Information:

Accounts Payable
333 Clay St., Ste 1600
Houston, TX 77002

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page of



Report to:
Kathleen Buxton

Email To: kathleen.buxton@entechservice.com,
cjbryant@paalp.com

Project
Description: **DS Hugh**

City/State
Collected: *Eunice Nm*

Phone: **979-997-2338**
Fax:

Client Project #
PAA12003

Lab Project #
PLAINSENT-DSHUGH

Collected by (print):
SHANE DILLER

Site/Facility ID #
SRS - 2000-10807

P.O. #

Collected by (signature):
SHADILL

Rush? (Lab MUST Be Notified)

Quote #

Immediately
Packed on Ice N Y X

 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Date Results Needed

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs
<i>MW 1</i>	<i>G</i>	<i>GW</i>		<i>5-10-19</i>	<i>1430</i>	<i>4</i>
<i>MW 2</i>		<i>GW</i>			<i>1440</i>	<i>2</i>
<i>MW 3</i>		<i>GW</i>			<i>1155</i>	<i>2</i>
<i>MW 4</i>		<i>GW</i>			<i>1430</i>	<i>4</i>
<i>MW 5</i>		<i>GW</i>			<i>1420</i>	<i>2</i>
<i>MW 6</i>		<i>GW</i>			<i>1250</i>	<i>2</i>
<i>MW 7</i>		<i>GW</i>			<i>1340</i>	<i>2</i>
<i>RW 1</i>	<i>✓</i>	<i>GW</i>			<i>1410</i>	<i>4</i>
<i>RW 2</i>	<i>G</i>	<i>GW</i>		<i>5-10-19</i>	<i>1400</i>	<i>4</i>
		<i>GW</i>				<i>2</i>

PAHSIMLVI 40ml/Amb-NoPres-WT

V8260BTEX 40ml/Amb-HCI

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

Samples returned via:

 UPS FedEx Courier

Tracking #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes/No
HCL/MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: *20.0* °C Bottles Received: *26*

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: *5/14/19* Time: *0800*

Sample Receipt Checklist
COC Seal Present/Intact: Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

If preservation required by Login: Date/Time

Hold: Condition: NCF OK

PHAD SCREEN: <0.5 mPRH

Flow Other

September 05, 2019

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Plains All American Pipeline - Entech

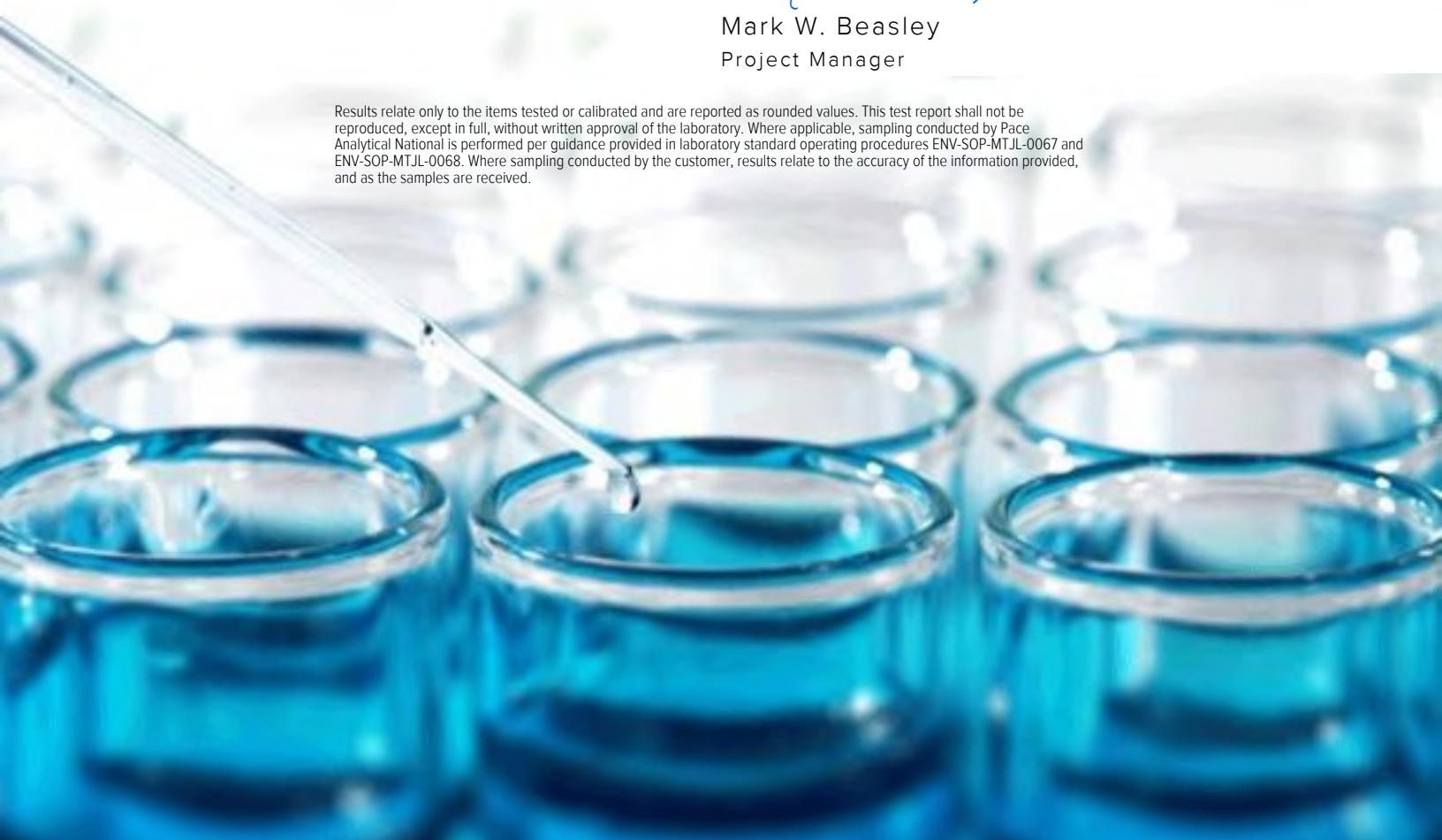
Sample Delivery Group: L1134078
Samples Received: 08/29/2019
Project Number: PAA12003
Description: DS Hugh
Site: SRS - 2000-10807
Report To: Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Entire Report Reviewed By:



Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



MW1 L1134078-01 GW

				Collected by Chris Sanchez	Collected date/time 08/28/19 13:05	Received date/time 08/29/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1339027	1	09/03/19 15:14	09/03/19 15:14	ZJM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

MW2 L1134078-02 GW

				Collected by Chris Sanchez	Collected date/time 08/28/19 12:30	Received date/time 08/29/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1339027	1	09/03/19 15:33	09/03/19 15:33	ZJM	Mt. Juliet, TN

MW3 L1134078-03 GW

				Collected by Chris Sanchez	Collected date/time 08/28/19 12:35	Received date/time 08/29/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1339027	1	09/03/19 15:52	09/03/19 15:52	ZJM	Mt. Juliet, TN

MW4 L1134078-04 GW

				Collected by Chris Sanchez	Collected date/time 08/28/19 12:55	Received date/time 08/29/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1339027	1	09/03/19 16:11	09/03/19 16:11	ZJM	Mt. Juliet, TN

MW5 L1134078-05 GW

				Collected by Chris Sanchez	Collected date/time 08/28/19 12:40	Received date/time 08/29/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1339027	1	09/03/19 16:31	09/03/19 16:31	ZJM	Mt. Juliet, TN

MW6 L1134078-06 GW

				Collected by Chris Sanchez	Collected date/time 08/28/19 12:45	Received date/time 08/29/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1339027	1	09/03/19 16:50	09/03/19 16:50	ZJM	Mt. Juliet, TN

MW7 L1134078-07 GW

				Collected by Chris Sanchez	Collected date/time 08/28/19 12:50	Received date/time 08/29/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1339027	1	09/03/19 17:09	09/03/19 17:09	ZJM	Mt. Juliet, TN

RW1 L1134078-08 GW

				Collected by Chris Sanchez	Collected date/time 08/28/19 13:00	Received date/time 08/29/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1339027	1	09/03/19 17:28	09/03/19 17:28	ZJM	Mt. Juliet, TN

ACCOUNT:

Plains All American Pipeline - Entech

PROJECT:

PAA12003

SDG:

L1134078

DATE/TIME:

09/05/19 13:40

PAGE:

3 of 18

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



RW2 L1134078-09 GW

Collected by
Chris Sanchez

Collected date/time
08/28/19 13:10

Received date/time
08/29/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1339027	1	09/03/19 17:47	09/03/19 17:47	ZJM	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

ACCOUNT:

Plains All American Pipeline - Entech

PROJECT:

PAA12003

SDG:

L1134078

DATE/TIME:

09/05/19 13:40

PAGE:

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All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Mark W. Beasley
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Collected date/time: 08/28/19 13:05

L1134078

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0106		0.00100	1	09/03/2019 15:14	WG1339027
Toluene	ND		0.00100	1	09/03/2019 15:14	WG1339027
Ethylbenzene	0.0139		0.00100	1	09/03/2019 15:14	WG1339027
Total Xylenes	0.0706		0.00300	1	09/03/2019 15:14	WG1339027
(S) Toluene-d8	100		80.0-120		09/03/2019 15:14	WG1339027
(S) 4-Bromofluorobenzene	102		77.0-126		09/03/2019 15:14	WG1339027
(S) 1,2-Dichloroethane-d4	101		70.0-130		09/03/2019 15:14	WG1339027

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/03/2019 15:33	WG1339027
Toluene	ND		0.00100	1	09/03/2019 15:33	WG1339027
Ethylbenzene	ND		0.00100	1	09/03/2019 15:33	WG1339027
Total Xylenes	ND		0.00300	1	09/03/2019 15:33	WG1339027
(S) Toluene-d8	101		80.0-120		09/03/2019 15:33	WG1339027
(S) 4-Bromofluorobenzene	103		77.0-126		09/03/2019 15:33	WG1339027
(S) 1,2-Dichloroethane-d4	104		70.0-130		09/03/2019 15:33	WG1339027

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/03/2019 15:52	WG1339027
Toluene	ND		0.00100	1	09/03/2019 15:52	WG1339027
Ethylbenzene	ND		0.00100	1	09/03/2019 15:52	WG1339027
Total Xylenes	ND		0.00300	1	09/03/2019 15:52	WG1339027
(S) Toluene-d8	101		80.0-120		09/03/2019 15:52	WG1339027
(S) 4-Bromofluorobenzene	103		77.0-126		09/03/2019 15:52	WG1339027
(S) 1,2-Dichloroethane-d4	104		70.0-130		09/03/2019 15:52	WG1339027

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0139		0.00100	1	09/03/2019 16:11	WG1339027
Toluene	ND		0.00100	1	09/03/2019 16:11	WG1339027
Ethylbenzene	ND		0.00100	1	09/03/2019 16:11	WG1339027
Total Xylenes	ND		0.00300	1	09/03/2019 16:11	WG1339027
(S) Toluene-d8	103		80.0-120		09/03/2019 16:11	WG1339027
(S) 4-Bromofluorobenzene	99.7		77.0-126		09/03/2019 16:11	WG1339027
(S) 1,2-Dichloroethane-d4	101		70.0-130		09/03/2019 16:11	WG1339027

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/03/2019 16:31	WG1339027
Toluene	ND		0.00100	1	09/03/2019 16:31	WG1339027
Ethylbenzene	ND		0.00100	1	09/03/2019 16:31	WG1339027
Total Xylenes	ND		0.00300	1	09/03/2019 16:31	WG1339027
(S) Toluene-d8	101		80.0-120		09/03/2019 16:31	WG1339027
(S) 4-Bromofluorobenzene	101		77.0-126		09/03/2019 16:31	WG1339027
(S) 1,2-Dichloroethane-d4	101		70.0-130		09/03/2019 16:31	WG1339027

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/03/2019 16:50	WG1339027
Toluene	ND		0.00100	1	09/03/2019 16:50	WG1339027
Ethylbenzene	ND		0.00100	1	09/03/2019 16:50	WG1339027
Total Xylenes	ND		0.00300	1	09/03/2019 16:50	WG1339027
(S) Toluene-d8	102		80.0-120		09/03/2019 16:50	WG1339027
(S) 4-Bromofluorobenzene	103		77.0-126		09/03/2019 16:50	WG1339027
(S) 1,2-Dichloroethane-d4	106		70.0-130		09/03/2019 16:50	WG1339027

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/03/2019 17:09	WG1339027
Toluene	ND		0.00100	1	09/03/2019 17:09	WG1339027
Ethylbenzene	ND		0.00100	1	09/03/2019 17:09	WG1339027
Total Xylenes	ND		0.00300	1	09/03/2019 17:09	WG1339027
(S) Toluene-d8	101		80.0-120		09/03/2019 17:09	WG1339027
(S) 4-Bromofluorobenzene	99.2		77.0-126		09/03/2019 17:09	WG1339027
(S) 1,2-Dichloroethane-d4	104		70.0-130		09/03/2019 17:09	WG1339027

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0734		0.00100	1	09/03/2019 17:28	WG1339027
Toluene	ND		0.00100	1	09/03/2019 17:28	WG1339027
Ethylbenzene	0.0249		0.00100	1	09/03/2019 17:28	WG1339027
Total Xylenes	0.0451		0.00300	1	09/03/2019 17:28	WG1339027
(S) Toluene-d8	101		80.0-120		09/03/2019 17:28	WG1339027
(S) 4-Bromofluorobenzene	102		77.0-126		09/03/2019 17:28	WG1339027
(S) 1,2-Dichloroethane-d4	106		70.0-130		09/03/2019 17:28	WG1339027

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00316		0.00100	1	09/03/2019 17:47	WG1339027
Toluene	ND		0.00100	1	09/03/2019 17:47	WG1339027
Ethylbenzene	ND		0.00100	1	09/03/2019 17:47	WG1339027
Total Xylenes	0.0666		0.00300	1	09/03/2019 17:47	WG1339027
(S) Toluene-d8	99.3		80.0-120		09/03/2019 17:47	WG1339027
(S) 4-Bromofluorobenzene	99.2		77.0-126		09/03/2019 17:47	WG1339027
(S) 1,2-Dichloroethane-d4	102		70.0-130		09/03/2019 17:47	WG1339027

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Method Blank (MB)

(MB) R3447269-2 09/03/19 10:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	102			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	105			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3447269-1 09/03/19 09:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0250	0.0259	104	70.0-123	
Ethylbenzene	0.0250	0.0258	103	79.0-123	
Toluene	0.0250	0.0252	101	79.0-120	
Xylenes, Total	0.0750	0.0773	103	79.0-123	
(S) Toluene-d8			102	80.0-120	
(S) 4-Bromofluorobenzene			101	77.0-126	
(S) 1,2-Dichloroethane-d4			113	70.0-130	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

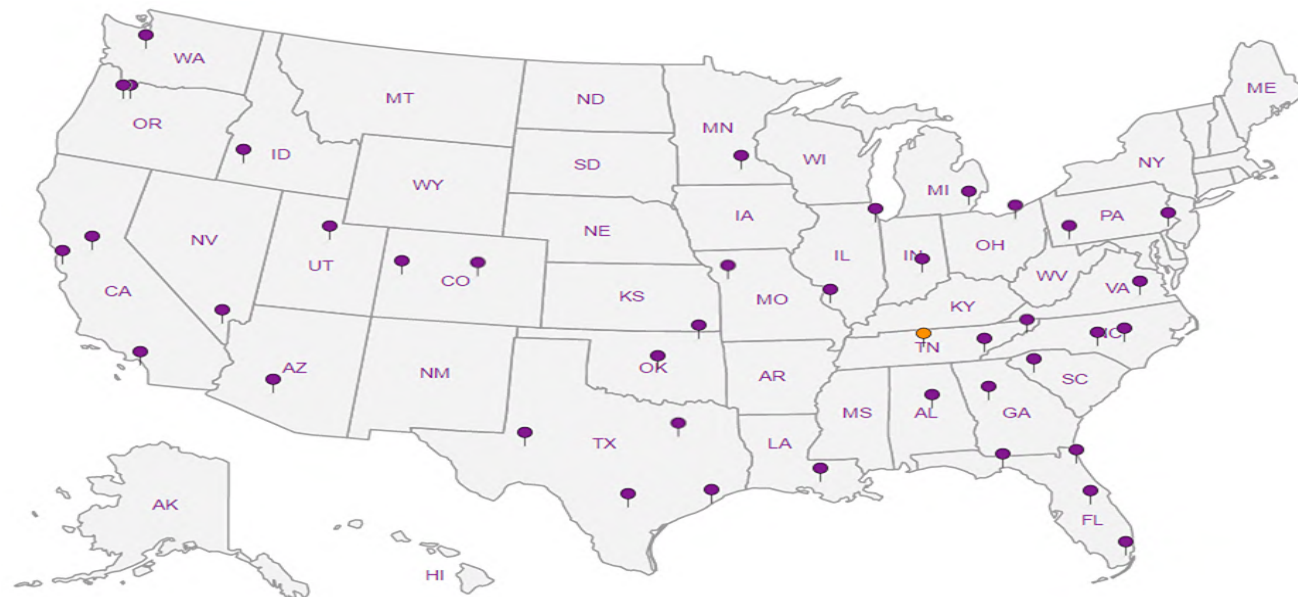
Third Party Federal Accreditations

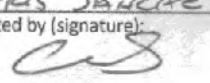
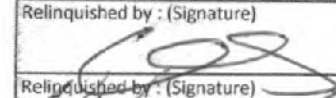
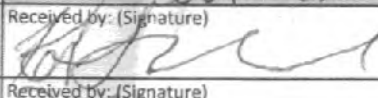
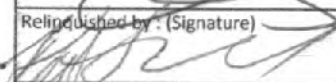
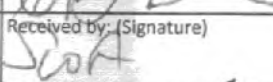
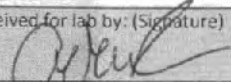
A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Plains All American Pipeline - Entech 21 Waterway Ave., Suite 300 The Woodlands, TX 77380				Billing Information: Accounts Payable 333 Clay St., Ste 1600 Houston, TX 77002				Chain of Custody Page <u>1</u> of <u>1</u>					
				Report to: Kathleen Buxton		Email To: kathleen.buxton@entechservice.com, cbryant@paalp.com		 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859					
Project Description: DS Hugh				City/State Collected: EVHILE / NM				PAHSIMLV-40mlAmb-NoPres-WT V8260BTEX 40mlAmb-HCI					
Phone: 979-997-2338 Fax:		Client Project # PAA12003		Lab Project # PLAINSENT-DSHUGH									
Collected by (print): CHRIS SANCHEZ		Site/Facility ID # SRS - 2000-10807		P.O. #									
Collected by (signature): 		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day		Quote #									
Immediately Packed on Ice N ☐ Y ☒		Date Results Needed		No. of Cntrs									
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time								
MW1		GW		8-28-19	1305	2	X						
MW2		GW		↑	1230	↑	↑						
MW3		GW			1235								
MW4		GW			1255								
MW5		GW			1240								
MW6		GW			1245								
MW7		GW			1250								
RW1		GW		↓	1300	↓	↓						
RW2		GW		8-28-19	1310	2	X						
		GW											
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks:				pH _____ Temp _____ Flow _____ Other _____					
Samples returned via: ☐ UPS ☐ FedEx ☐ Courier				Tracking # Southwest				Sample Receipt Checklist: COC Seal Present/Intact: ☒ Y ☐ N COC Signed/Accurate: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Sufficient volume sent: ☒ Y ☐ N If Applicable VOA Zero Headspace: ☒ Y ☐ N Preservation Correct/Checked: ☒ Y ☐ N RAD SCREEN: <0.5 mR/hr					
Relinquished by: (Signature) 		Date: 8-28-19 Time: 14:00		Received by: (Signature) 		Trip Blank Received: Yes ☐ No ☒		HCL / MeOH TBR		Temp: AWF °C 18		Bottles Received: 18	
Relinquished by: (Signature) 		Date: 8-28-19 Time: 16:00		Received by: (Signature) 		Temp: 0.9±0=0.9		If preservation required by Login: Date/Time		Hold:		Condition: NCF 1 OK	
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature) 		Date: 8/28/19 Time: 8:00		Hold:		Condition:	

December 04, 2019

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Plains All American Pipeline - Entech

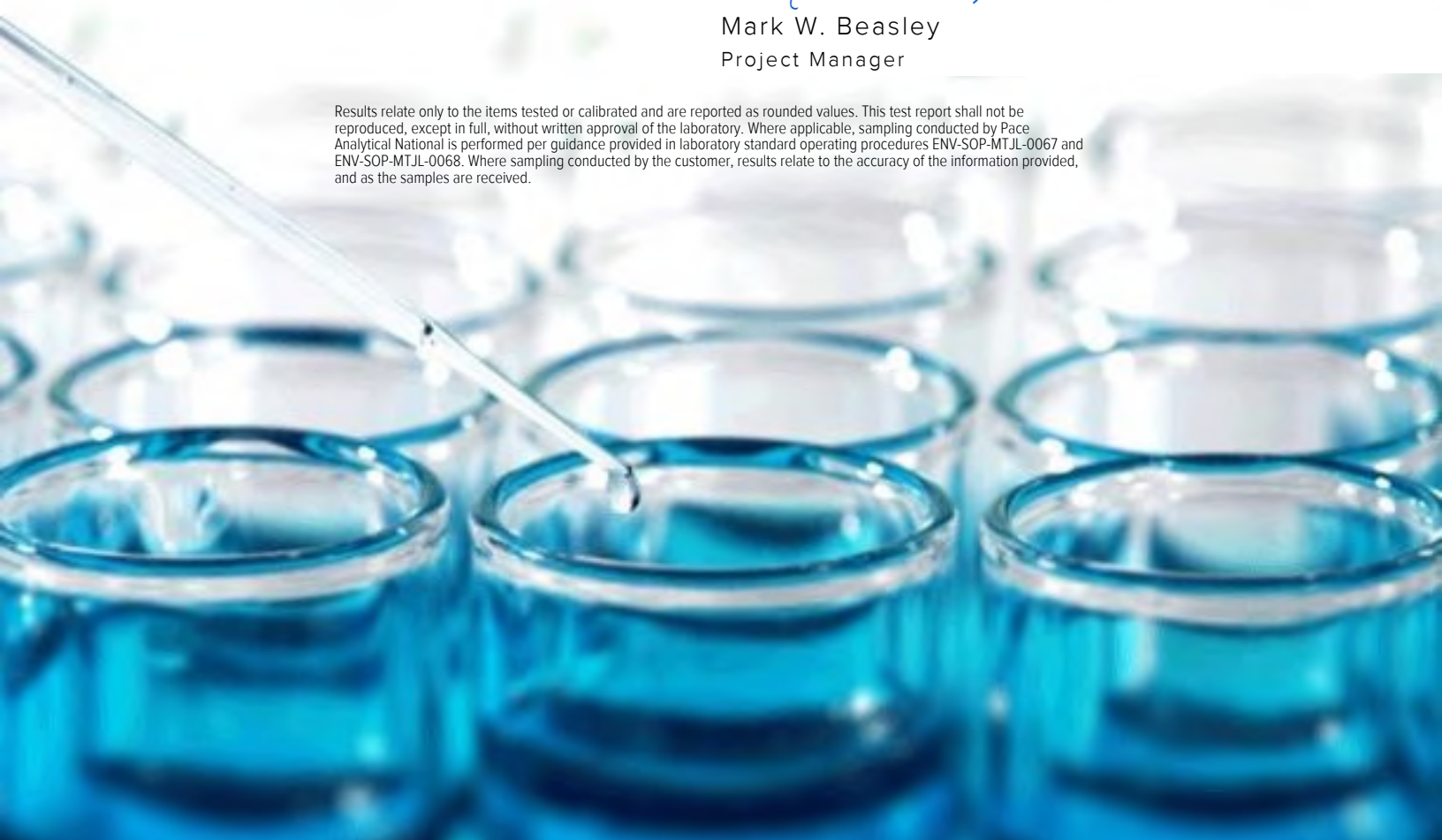
Sample Delivery Group: L1163668
Samples Received: 11/21/2019
Project Number: PAA12003
Description: DS Hugh
Site: SRS - 2000-10807
Report To: Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Entire Report Reviewed By:



Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



MW1 L1163668-01 GW

				Collected by Chris Sanchez	Collected date/time 11/20/19 11:30	Received date/time 11/21/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1388797	1	11/29/19 19:00	11/29/19 19:00	ADM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

MW2 L1163668-02 GW

				Collected by Chris Sanchez	Collected date/time 11/20/19 10:30	Received date/time 11/21/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1388797	1	11/29/19 19:21	11/29/19 19:21	ADM	Mt. Juliet, TN

MW3 L1163668-03 GW

				Collected by Chris Sanchez	Collected date/time 11/20/19 10:40	Received date/time 11/21/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1388799	1	11/29/19 22:24	11/29/19 22:24	BMB	Mt. Juliet, TN

MW4 L1163668-04 GW

				Collected by Chris Sanchez	Collected date/time 11/20/19 11:20	Received date/time 11/21/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1388799	1	11/29/19 22:44	11/29/19 22:44	BMB	Mt. Juliet, TN

MW5 L1163668-05 GW

				Collected by Chris Sanchez	Collected date/time 11/20/19 10:50	Received date/time 11/21/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1388799	1	11/29/19 23:04	11/29/19 23:04	BMB	Mt. Juliet, TN

MW6 L1163668-06 GW

				Collected by Chris Sanchez	Collected date/time 11/20/19 11:00	Received date/time 11/21/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1388799	1	11/29/19 23:25	11/29/19 23:25	BMB	Mt. Juliet, TN

MW7 L1163668-07 GW

				Collected by Chris Sanchez	Collected date/time 11/20/19 11:10	Received date/time 11/21/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1388799	1	11/29/19 23:45	11/29/19 23:45	BMB	Mt. Juliet, TN

RW1 L1163668-08 GW

				Collected by Chris Sanchez	Collected date/time 11/20/19 11:40	Received date/time 11/21/19 08:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1388799	1	11/30/19 00:05	11/30/19 00:05	BMB	Mt. Juliet, TN

ACCOUNT:

Plains All American Pipeline - Entech

PROJECT:

PAA12003

SDG:

L1163668

DATE/TIME:

12/04/19 09:18

PAGE:

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



RW2 L1163668-09 GW

Collected by
Chris Sanchez

Collected date/time
11/20/19 11:50

Received date/time
11/21/19 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1388799	1	11/30/19 00:25	11/30/19 00:25	BMB	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

ACCOUNT:

Plains All American Pipeline - Entech

PROJECT:

PAA12003

SDG:

L1163668

DATE/TIME:

12/04/19 09:18

PAGE:

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All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Mark W. Beasley
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0171		0.00100	1	11/29/2019 19:00	WG1388797
Toluene	0.00104		0.00100	1	11/29/2019 19:00	WG1388797
Ethylbenzene	0.0295		0.00100	1	11/29/2019 19:00	WG1388797
Total Xylenes	0.0898		0.00300	1	11/29/2019 19:00	WG1388797
(S) Toluene-d8	113		80.0-120		11/29/2019 19:00	WG1388797
(S) 4-Bromofluorobenzene	101		77.0-126		11/29/2019 19:00	WG1388797
(S) 1,2-Dichloroethane-d4	99.8		70.0-130		11/29/2019 19:00	WG1388797

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	11/29/2019 19:21	WG1388797
Toluene	ND		0.00100	1	11/29/2019 19:21	WG1388797
Ethylbenzene	ND		0.00100	1	11/29/2019 19:21	WG1388797
Total Xylenes	ND		0.00300	1	11/29/2019 19:21	WG1388797
(S) Toluene-d8	125	<u>J1</u>	80.0-120		11/29/2019 19:21	WG1388797
(S) 4-Bromofluorobenzene	118		77.0-126		11/29/2019 19:21	WG1388797
(S) 1,2-Dichloroethane-d4	103		70.0-130		11/29/2019 19:21	WG1388797

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	11/29/2019 22:24	WG1388799
Toluene	ND		0.00100	1	11/29/2019 22:24	WG1388799
Ethylbenzene	ND		0.00100	1	11/29/2019 22:24	WG1388799
Total Xylenes	ND		0.00300	1	11/29/2019 22:24	WG1388799
(S) Toluene-d8	129	J1	80.0-120		11/29/2019 22:24	WG1388799
(S) 4-Bromofluorobenzene	114		77.0-126		11/29/2019 22:24	WG1388799
(S) 1,2-Dichloroethane-d4	102		70.0-130		11/29/2019 22:24	WG1388799

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00958		0.00100	1	11/29/2019 22:44	WG1388799
Toluene	ND		0.00100	1	11/29/2019 22:44	WG1388799
Ethylbenzene	ND		0.00100	1	11/29/2019 22:44	WG1388799
Total Xylenes	ND		0.00300	1	11/29/2019 22:44	WG1388799
(S) Toluene-d8	127	<u>J1</u>	80.0-120		11/29/2019 22:44	WG1388799
(S) 4-Bromofluorobenzene	131	<u>J1</u>	77.0-126		11/29/2019 22:44	WG1388799
(S) 1,2-Dichloroethane-d4	109		70.0-130		11/29/2019 22:44	WG1388799

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	11/29/2019 23:04	WG1388799
Toluene	ND		0.00100	1	11/29/2019 23:04	WG1388799
Ethylbenzene	ND		0.00100	1	11/29/2019 23:04	WG1388799
Total Xylenes	ND		0.00300	1	11/29/2019 23:04	WG1388799
(S) Toluene-d8	130	J1	80.0-120		11/29/2019 23:04	WG1388799
(S) 4-Bromofluorobenzene	113		77.0-126		11/29/2019 23:04	WG1388799
(S) 1,2-Dichloroethane-d4	104		70.0-130		11/29/2019 23:04	WG1388799

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/20/19 11:00

L1163668

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	11/29/2019 23:25	WG1388799
Toluene	ND		0.00100	1	11/29/2019 23:25	WG1388799
Ethylbenzene	ND		0.00100	1	11/29/2019 23:25	WG1388799
Total Xylenes	ND		0.00300	1	11/29/2019 23:25	WG1388799
(S) Toluene-d8	113		80.0-120		11/29/2019 23:25	WG1388799
(S) 4-Bromofluorobenzene	114		77.0-126		11/29/2019 23:25	WG1388799
(S) 1,2-Dichloroethane-d4	102		70.0-130		11/29/2019 23:25	WG1388799

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	11/29/2019 23:45	WG1388799
Toluene	ND		0.00100	1	11/29/2019 23:45	WG1388799
Ethylbenzene	ND		0.00100	1	11/29/2019 23:45	WG1388799
Total Xylenes	ND		0.00300	1	11/29/2019 23:45	WG1388799
(S) Toluene-d8	92.8		80.0-120		11/29/2019 23:45	WG1388799
(S) 4-Bromofluorobenzene	121		77.0-126		11/29/2019 23:45	WG1388799
(S) 1,2-Dichloroethane-d4	112		70.0-130		11/29/2019 23:45	WG1388799

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00465		0.00100	1	11/30/2019 00:05	WG1388799
Toluene	ND		0.00100	1	11/30/2019 00:05	WG1388799
Ethylbenzene	0.00205		0.00100	1	11/30/2019 00:05	WG1388799
Total Xylenes	ND		0.00300	1	11/30/2019 00:05	WG1388799
(S) Toluene-d8	113		80.0-120		11/30/2019 00:05	WG1388799
(S) 4-Bromofluorobenzene	102		77.0-126		11/30/2019 00:05	WG1388799
(S) 1,2-Dichloroethane-d4	103		70.0-130		11/30/2019 00:05	WG1388799

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00205		0.00100	1	11/30/2019 00:25	WG1388799
Toluene	ND		0.00100	1	11/30/2019 00:25	WG1388799
Ethylbenzene	ND		0.00100	1	11/30/2019 00:25	WG1388799
Total Xylenes	0.00602		0.00300	1	11/30/2019 00:25	WG1388799
(S) Toluene-d8	114		80.0-120		11/30/2019 00:25	WG1388799
(S) 4-Bromofluorobenzene	110		77.0-126		11/30/2019 00:25	WG1388799
(S) 1,2-Dichloroethane-d4	111		70.0-130		11/30/2019 00:25	WG1388799

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Method Blank (MB)

(MB) R3477978-2 11/29/19 11:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	111			77.0-126
(S) 1,2-Dichloroethane-d4	117			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

Laboratory Control Sample (LCS)

(LCS) R3477978-1 11/29/19 10:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00468	93.6	70.0-123	
Ethylbenzene	0.00500	0.00476	95.2	79.0-123	
Toluene	0.00500	0.00473	94.6	79.0-120	
Xylenes, Total	0.0150	0.0147	98.0	79.0-123	
(S) Toluene-d8			109	80.0-120	
(S) 4-Bromofluorobenzene			105	77.0-126	
(S) 1,2-Dichloroethane-d4			114	70.0-130	

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Method Blank (MB)

(MB) R3477979-2 11/29/19 21:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	120			80.0-120
(S) 4-Bromofluorobenzene	116			77.0-126
(S) 1,2-Dichloroethane-d4	96.1			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS)

(LCS) R3477979-1 11/29/19 20:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00469	93.8	70.0-123	
Ethylbenzene	0.00500	0.00496	99.2	79.0-123	
Toluene	0.00500	0.00516	103	79.0-120	
Xylenes, Total	0.0150	0.0162	108	79.0-123	
(S) Toluene-d8			114	80.0-120	
(S) 4-Bromofluorobenzene			114	77.0-126	
(S) 1,2-Dichloroethane-d4			105	70.0-130	

L1163712-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1163712-01 11/30/19 03:49 • (MS) R3477979-3 11/30/19 04:09 • (MSD) R3477979-4 11/30/19 04:29

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	U	0.00457	0.00538	91.4	108	1	17.0-158			16.3	27
Ethylbenzene	0.00500	U	0.00513	0.00564	103	113	1	30.0-155			9.47	27
Toluene	0.00500	U	0.00502	0.00605	100	121	1	26.0-154			18.6	28
Xylenes, Total	0.0150	U	0.0153	0.0168	102	112	1	29.0-154			9.35	28
(S) Toluene-d8					111	116		80.0-120				
(S) 4-Bromofluorobenzene					111	101		77.0-126				
(S) 1,2-Dichloroethane-d4					112	109		70.0-130				



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
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1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

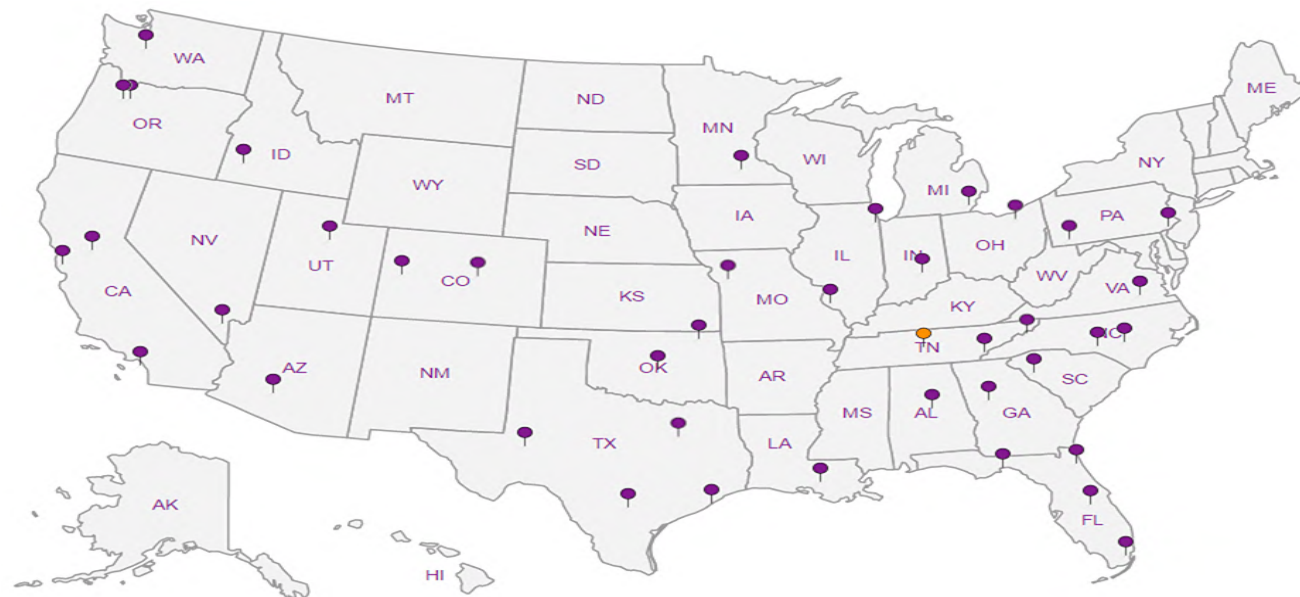
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Plains All American Pipeline - Entech 21 Waterway Ave., Suite 300 The Woodlands, TX 77380				Billing Information: Accounts Payable 333 Clay St., Ste 1600 Houston, TX 77002				Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 1 of 1							
				Report to: Kathleen Buxton				Email To: kathleen.buxton@entechservice.com, cj.bryant@paalp.com				 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859  L# 1163668 B235 Accnum: PLAINSENT Template: T94127 Prelogin: P707774 TSR: 134 - Mark W. Beasley PB: Shipped Via:															
Project Description: DS Hugh				City/State Collected: EUNICE NM				PAHSIMLVI 40mlAmb-NoPres-WT V8260BTEX 40mlAmb-HCI																			
Phone: 979-997-2338 Fax:		Client Project # PAA12003		Lab Project # PLAINSENT-DSHUGH																							
Collected by (print): CITERS SANCHEZ		Site/Facility ID # SRS - 2000-10807		P.O. #																							
Collected by (signature): 		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day				Quote #		Date Results Needed																			
Immediately Packed on Ice N ☐ Y ☒																											
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs																				
Mnl 1			GW		11-20-19	1130	2	X																			
Mnl 2			GW		↑	1030	↑	↑																			
Mnl 3			GW			1040																					
Mnl 4			GW			1129																					
Mnl 5			GW			1050																					
Mnl 6			GW			1100																					
Mnl 7			GW			1110																					
Rwl 1			GW		↓	1140	✓	✓																			
Rwl 2			GW		11-20-19	1150	2	X																			
			GW																								

* Matrix:

SS - Soil AIR - Air F - Filter

GW - Groundwater B - Bioassay

WW - WasteWater

DW - Drinking Water

OT - Other

Remarks:

RAD SCREEN: <0.5 mR/hr

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: ☒ Y ☐ N

COC Signed/Accurate: ☒ Y ☐ N

Bottles arrive intact: ☒ Y ☐ N

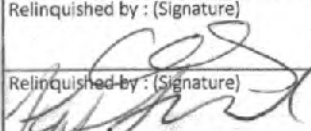
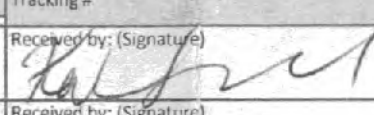
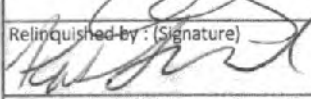
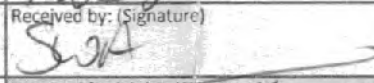
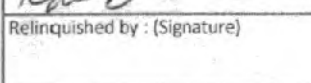
Correct bottles used: ☒ Y ☐ N

Sufficient volume sent: ☒ Y ☐ N

If Applicable

VOA Zero Headspace: ☒ Y ☐ N

Preservation Correct/Checked: ☒ Y ☐ N

Relinquished by: (Signature)		Date: 11-20-19	Time: 14:00	Received by: (Signature)		Trip Blank Received: Yes/No	
						HCL/ MeOH TBR	
Relinquished by: (Signature)		Date: 11-20-19	Time: 17:45	Received by: (Signature)		Temp: 14.4 °C Bottles Received: 16	
						0.7 ± .5 = 1.2	
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature)		Date:	Time:
						11/21/19	800
Hold:						Condition: NCF / OK	

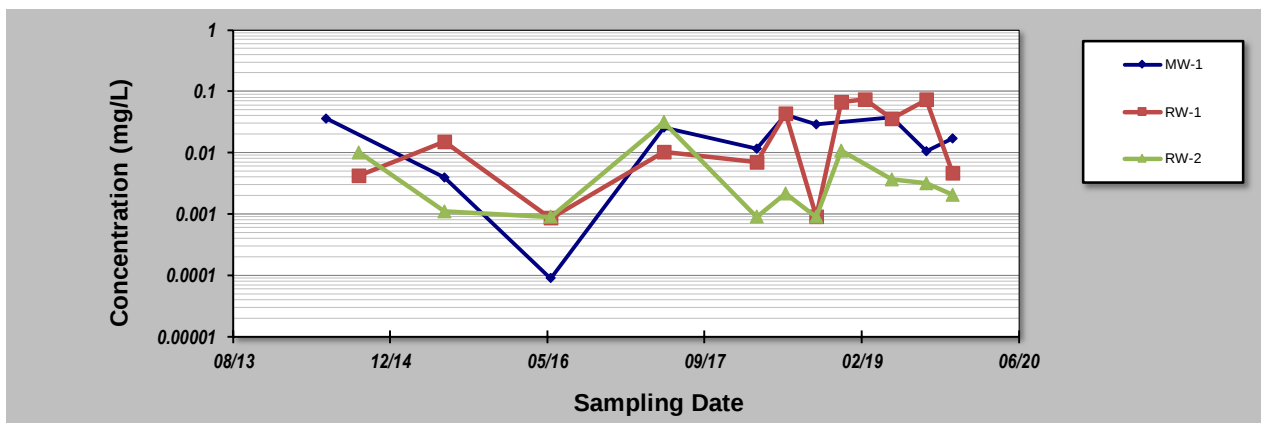
Appendix B

Mann-Kendall Trend Test

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 6-Feb-20	Job ID: PAA12003
Facility Name: Plains - DS Hugh Site	Constituent: Benzene
Conducted By: PVS	Concentration Units: mg/L

Sampling Point ID:		MW-1	RW-1	RW-2				
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)						
1	6-Jun-14	0.036						
2	18-Sep-14		0.0042	0.01				
3	18-Jun-15	0.0039	0.015	0.0011				
4	20-May-16	0.00009	0.000863	0.0009				
5	16-May-17	0.0254	0.0103	0.0316				
6	8-Mar-18	0.0115	0.00696	0.0009				
7	6-Jun-18	0.0414	0.0435	0.00213				
8	12-Sep-18	0.0288	0.0009	0.0009				
9	30-Nov-18		0.067	0.0108				
10	14-Feb-19		0.0728					
11	10-May-19	0.0372	0.0354	0.00364				
12	28-Aug-19	0.0106	0.0734	0.00316				
13	20-Nov-19	0.0171	0.00465	0.00205				
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.69	1.05	1.50				
Mann-Kendall Statistic (S):		5	24	0				
Confidence Factor:		63.6%	94.2%	45.1%				
Concentration Trend:		No Trend	Prob. Increasing	No Trend				



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
- Nondetectable concentrations listed as 0.0009 mg/L (i.e., <0.001 mg/L) and indicated in italicized bold red values.
- All concentrations in milligrams per liter (mg/L)

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

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